The Victoria Adv
July 15, 2008

LOCAL GUEST COLUMNIST

Love your neighbors as you would yourself?

7-15-08

UIC 59943

The solid message of Jesus Christ was that we should love our neighbor as ourselves!

Recently, I received a notice from the Texas Commission on Environmental Quality (TCEQ) that the uranium mining company exploring for uranium in Goliad has filed an application, and that application is complete. From the wording in the notice, TCEQ will approve the application.

"UEC has requested that a portion of the aquifer be designated as an exempt aquifer. The requested exemption would apply from a depth of from 45 to 404 feet." What is an "exempted" aquifer? According to this notice, "An aquifer or portion of any aquifer can be designated as an exempted aquifer if it does not currently serve as a source of drinking water for human consumption...."

Am I missing something here? Hasn't water from 45 to 405 feet been a source of drinking water for area families for several generations? Or perhaps does UEC and TCEQ want us all to believe those families don't exist?

"The Executive Director has made a preliminary decision that this permit, if issued, meets all the statutory and regulatory requirements...." Oops! Did I miss something here? Didn't we just read that the aquifer must not be a source of human drinking water?

When greed for money blinds those who sign uranium leases to the 100-percent failure rate of the uranium mining industry to clean up after themselves, this is not in the spirit Christ was trying to promote. Worse yet, when those mining representatives have been caught in lies over and over, and people still lease, this is the worst kind of evil!

I have a word for those who, for greed, would endanger their neighbor and his property. One day you'll have to face your maker "because for every matter there is a time and judgment. Though the misery of man increases greatly." Ecc. 8:6

I found it strangely ironic after re-reading Sherilyn Arnacke's guest editorial defending uranium mining in Goliad County that when her own homestead in Victoria County was threatened by the Trans-Texas Corridor (TTC), she and her husband showed up at a meeting in Victoria to oppose it.

How odd that the TTC issue is so much like the uranium mining issue. Less than 1 percent support uranium mining, and that fact was made obvious at the TCEQ meeting in Goliad. TCEQ, however, feels just fine about granting the mining permit as if we do not exist. Clearly, 99 percent of the public in Texas oppose the TTC, and, yet, in spite of overwhelming public opposition, TxDOT keeps trudging on as if we do not exist.

Kenneth Schustereit

We've done everything our civics lessons said we could do. We've written letters to our elected officials, letters to the editor, assembled peaceably and attended meetings to oppose the project. Clearly, the opposition to both the TTC and uranium mining is overwhelming, but this evil proceeds "because the sentence against evil work is not executed speedily, therefore the heart of the sons of men is fully set to do evil." Ecc. 8:11

In spite of the will of the vast majority of the people, they, TCEQ, TxDOT and the uranium miners, are doing what they want because it's in the power of their hands to do so. "Woe to those who devise iniquity, and who work out evil on their beds! At morning light they practice it because it is in the power of their hand! They covet fields, and take them by violence, also houses and seize them. So they oppress a man and his house. A man and his inheritance." Micah 2:1-2

When I posted this as a blog, I expected that there will always be some sociopath, as described above, who'll whine about facts and data in an effort to justify the rape of our freedom, our property and our lives in the name of greed. The facts are that in Texas the uranium mining industry has a 100-percent failure rate for restoring the property they've damaged. The TCEQ has that same failure rate at protecting Texas property owners. This is documented and undeniable!

I don't want to hear any garbage about me supporting nuclear power but opposing uranium mining. The fact is that Generation III nuclear power is safe. I'd happily live in a lean-to on the reactor building for a year if the sociopaths who defend uranium mining will drink John Caldwell's water for a year. Why should Texas allow uranium mining in a drinking water aquifer when uranium mining is done safely, far from civilization in Canada and Australia?

The people of this area, those whose land has already been damaged, are being backed into a corner. There seems to be no escape. No remedy. Never back someone into a corner! *That's* when someone gets hurt! I've got a bad feeling about this.

The majority of the people are being ignored in favor of lining the pockets of a miniscule minority.

I spoke with the authorities about this growing resentment.

I fear this will get down right nasty.

That's usually what happens when the might of right is ignored.

Are we really loving our neighbor or loving the jingle in our pockets?

Kenneth Schustereit is a resident of Victoria.

OPA
JUL 28 2008
BY BP

2008 JUL 28 AM 10:15
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

mw

Dorothy A. Albrecht
1732 Post Oak Rd.
Goliad, TX 77963-3321

CORPUS CHRISTI
TX 784 1 L
25 JUL 2008 PM

USA 42

COMMISSION ON ENVIRONMENTAL QUALITY

2008 JUL 28 AM 10:14
TCEQ MAIL CENTER
AJ

RECEIVED
JUL 28 2008
CHIEF CLERK'S OFFICE

Office of the Chief Clerk, MC 105
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, TX 78711-3087

Re: Proposed Permit No. UR03075 UEC
UEC's Request for Exempted Aquifer

78711-3087

UT
59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 14 AM 10: 34
CHIEF CLERKS OFFICE

Dorothy Albrecht
1732 Post Oak Road
Goliad, TX 77963

OPA
JUL 14 2008
BY GB

July 10, 2008

Office of the Chief Clerk, MC 105
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: Proposed Permit No. UR03075 Uranium Energy Corp. (UEC), UEC's Request for Exempted Aquifer

Dear Chief Clerk:

I am deeply concerned with the damage that will be done to our aquifer in Goliad County if you allow UEC to continue with their planned uranium mining. We live near the area in Weesatche that UEC wants to lease. Our aquifer in northern Goliad County and the same aquifer in DeWitt and Victoria Counties needs to be preserved and protected to keep our quality of water for drinking water for ourselves and our farm animals. Insitu mining destroys this groundwater aquifer.

We have land that we live on that has been in our family for over 100 years and we are concerned if we do not have good quality water to continue using for ourselves and our farm animals.

We are pleading to you that you do not exempt this aquifer as UEC has requested. We support the written request made by the Law Firm of Blackburn Carter, dated September 6, 2007, on behalf of Goliad County Commissioners, for a contested case hearing on UEC's proposed Permit No. UR03075 Application for a Class III underground injection control permit and UEC's request for an exempted aquifer.

You cannot allow this!! You cannot be responsible for letting UEC contaminate our water. You must help us to preserve our quality of water. You must protect our aquifer.

Thank you for the opportunity to submit our comments.

Sincerely,
Dorothy Albrecht

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 JAN 28 AM 9:28

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: DORA M ALTMAN

Address: 4854 POST OAK RD

City/State: GOLIAD **Zip:** 77963

Phone: (361) 566-3425

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☑ No

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☐ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**
(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

To: Texas Commission on Environment Quality (TCEQ)

From: Dora Altman
4854 Post Oak Rd.
Goliad, TX 77936
361-564-3475

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:28
CHIEF CLERKS OFFICE

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

Re: Permit # UR 03075

I am a landowner in Goliad County with 3 private water wells. I have had them tested at a cost of $300 and the results indicated that the water quality is good.

My property has been in the family forever 100 yrs. and I want to ensure that my children and grandchildren have the same quality of water and environment.

I am not in favor of uranium mining. I am concerned about how it will affect my water, my health and my animals.

Who will pay for these water quality tests in the future?

I am greatly concerned about the future of our underground water supply.

Dora M. Altman
1-24-2008

MW

Sherilyn Arnecke
1690 Nagel Rd. W
Victoria, TX 77905
361-576-3335

UIC
5949B

OPA
JUL 28 2008
BY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 24 PM 2:51
CHIEF CLERKS OFFICE

July 22, 2008

Office of the Chief Clerk
MC 105
Texas Commission on Environmental Quality (TCEQ)
P.O. Box 13087
Austin, TX 78711-3087

Ref: Proposed Permit #UR03075, Goliad County, Uranium Energy Corp.

Gentlemen:

I am writing in support of the above referenced project. My roots go very deep in the Ander community of Goliad County where this project is located. My great, great, great grandfather, Wilhelm Hoff, helped establish this community and was elected the first president of the Lutheran church there. My family has leased property to Uranium Energy Corp. because we truly believe they are following all rules and regulations set forth by all governing agencies involved. They have begun drilling test holes on the property, and there are NO PROBLEMS associated with this activity. The land is neat and clean and the WATER RUNS PURE. We have both a water well and a flowing creek on the property and neither have suffered any adverse affects from the drilling.

The United States is in dire need of a clean energy source, and I believe Goliad County can help supply this product while receiving a wonderful economic boost. I know for a fact that these operations are being closely monitored by UEC personnel and various government agencies.

I have taken the time to become informed on this type of mining and to get to know the people associated with UEC. I have so much faith in this operation that I have joined together with other South Texas citizens and formed an alliance called South Texans for Clean Energy. We want to educate the local citizens and have them make their own informed decisions and not led into hysteria by a few ignorant people. Our organization is growing every day...we have a website and an 800 number to help get the information out to the public that there are many of us who DO SUPPORT UEC and the Goliad County project.

Please add my name to any notification list you may have related to the above referenced project. Thank you.

Sincerely,

Sherilyn Arnecke

Sherilyn Arnecke

sa

15

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:23
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: Sherilyn Arnecke

Address: 1690 Nagel

City/State: Victoria TX Zip: 77905

Phone: (361) 576-3335

☐ Please add me to the mailing list.

Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ I wish to provide formal oral comments.

☐ I wish to provide formal written comments at tonight's public meeting.
(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

23

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 24
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: Wesley Ball

Address: 10907 FM 622

City/State: Goliad Texas **Zip:** 77963

Phone: (361) 645-1737

☒ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☒ **I wish to provide formal oral comments.**

☒ **I wish to provide formal written comments at tonight's public meeting.**
(Written comments may be submitted at <u>any time</u> during the meeting)

Please give this to the person at the information table. Thank you.

MW

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

OPA RECEIVED

JAN 24 2008

2008 JAN 28 AM 9:24

AT PUBLIC MEETING

CHIEF CLERKS OFFICE

Texas Commission on Environmental Quality
The Honorable LaDonna Castanuela
Chief Clerk
MC-105, TCEQ
P. O. Box 13087
Austin, TX 78711-3087

RE: TCEQ Public Meeting January 24, 2008

My name is Wesley Ball. I am a lifelong resident of Goliad County and my family has been involved in ranching and owned property here for 6 generations.
I understand mining is an essential part of society. Most products we use come from mining in one form or another, however, I am opposed to mining uranium in an unconfined drinking water aquifer. Therefore, I have a few questions for TCEQ regarding the mining permit.

How does TCEQ plan to make sure UEC will restore the aquifer to pre-mining quality?

How can TCEQ grant an aquifer exemption in part of an unconfined aquifer used for human consumption?

How does TCEQ define an unconfined aquifer? a confined aquifer?

Will TCEQ require UEC to do more baseline sampling before mining since extensive sampling by landowners' shows good quality drinking water throughout the county and in the proposed mining area?

Will TCEQ hold UEC accountable to restore the aquifer to pre-mining quality during the reclamation process?

Thank you for allowing me this opportunity for formal comment and I appreciate TCEQ coming to Goliad to allow citizens easier access to this process.

Wesley Ball

Wesley Ball
10907 FM 622
Goliad, TX 77963

MW

uic
59943

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
P. O. Box 560
GOLIAD, TEXAS, 77993

November 5, 2007

OPA PM
NOV 30 2007
BY

2007 NOV 29 AM 10: 21
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Office of the Chief Clerk, MC 105
Ms. LaDonna Castanuela
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, Texas 78711-3087

Re: Uranium Energy Corporation Mining Permit Application UR03075

Dear Ms. Castanuela,

Goliad County Groundwater Conservation District (GCGCD) is dedicated to assure long term availability of adequate good quality groundwater for Goliad and surrounding counties. GCGCD will provide for the protection, preservation, and conservation of groundwater, and to prevent waste of groundwater from the Gulf Coast Aquifer within it's jurisdiction.

Groundwater is the lifeblood for Goliad County. There are over 4,000 water wells that serve the domestic, livestock, and business needs for the County. Without this supply of good quality groundwater, Goliad County would suffer a major catastrophe. Looking to the future, 100-120 new service wells are drilled each year to supply a steady growth spearheaded by an urban movement to the pristine natural beauty and quality of life offered by Goliad County.

Goliad County groundwater is supplied by the Gulf Coast Aquifer with the principle aquifer segments being the Evangeline and the Chicot. The Evangeline Aquifer is at the surface for approximately 2/3 of the northern part of the county and is overlaid by the Chicot Aquifer in the southern end of the county. The north end of the county is the recharge zone for much of the water used in the county. The flow of the aquifer is to the southeast and it slopes at an average rate of 90 feet per mile in the north of the county with a gradual flattening to 30 feet per mile in the south of the county. Faulting can alter the normal flow of the aquifer to a lateral flow and also to a vertical flow. The Gulf Coast Aquifer consists of interbedded sands and clays. It is not a confined aquifer, a requirement for controlled in situ uranium mining. The fact that the Gulf Coast Aquifer is not a confined aquifer in northern Goliad County is well documented and its characteristics are fully defined in the Texas Water Development Board groundwater models.

Uranium ore was deposited in the water sands of the Evangeline Aquifer millions of years ago. From Uranium Energy Corporation mine permit application UR03075 data, there are four deposits identified in the proposed mining permit application at an average depth of 99 feet, 181 feet, 269 feet, and 385 feet from the surface to the base. These

IP 97950, 97949
97948 & 97947 MW

deposits are stable until dissolved by oxygenated water injected into the aquifer or by being disturbed mechanically.

In May of 2006, UEC commenced the drilling of exploration boreholes under permit number 123 in the north-northeast part of the county between the 15 mile and 18 mile Coleto Creeks. This activity began at the east end of the permit area and progressed to the west with increased drilling occurring from November 2006 until April of 2007. Drilling was significantly curtailed during the May-July 2007 time period while surface violations were being corrected. New extensive borehole exploration is now again in progress in the proposed mining area.

In November and December, the Goliad County Groundwater Conservation District (GCGCD) conducted the first water baseline testing of 18 user wells around the exploration area. The results of these tests showed good water in 15 wells and high radionuclides in 3 wells which are located downdip and close to the exploration.

In April 2007, GCGCD was advised by five landowners updip of the exploration area that they were experiencing filter plugging and dirty water with their domestic use wells. These wells have been in service for many years and these landowners have not experienced this problem previously. GCGCD retested these wells in April 2007 and found significant changes in mineral and iron content in four of the wells. The fifth well was experiencing only a red coloration in the fixtures and had no identified quality changes. On October 2, 2007, GCGCD was contacted by a sixth landowner in the general area of the other five that he has been experiencing dirty water since June 2007. The Railroad Commission of Texas was provided detailed information of these conditions but made no investigation and concluded that it was probably due to a change from drought conditions to wet conditions. This area has experienced many drought and wet cycles in the past and has not observed this dirty water condition previously. GCGCD does not agree with the rationale used by the Railroad Commission of Texas as the cause of the dirty water and the addition of a sixth dirty well beginning in June 2007 does not fit the TRC rationale. New water tests done by GCGCD in October 2007 have confirmed additional contamination including that five wells are infected with iron bacteria.

Beginning in December 2006 and continuing until June 2007, UEC has completed 20 monitor wells within the exploration area. These monitor wells were drilled after the boreholes were drilled and these monitor wells are very close to the boreholes, in some cases within 20 feet. Baseline water samples from these wells all show greatly elevated levels of Radium 226. The highest is 300 times the drinking water standard allowable. GCGCD does not believe that this represents the water quality present prior to exploration activity. The wells that were tested in and around the proposed mining area prior to the extensive borehole drilling do not support the philosophy used by UEC in paragraph 5.3 and 12.0 as to the baseline water quality and baseline values to be used for restoration. GCGCD is very concerned that the drilling of the monitor wells after extensive borehole drilling and the spacing of some of the monitor wells very close to the boreholes may contribute to the high level of radionuclides observed.

Uranium Research and Advisory Committee (URAC) advises the Goliad County Commissioner's Court on actions and decisions to be made by the commissioner's court in regards to the potential mining of uranium in Goliad County. After careful evaluation of the unconfined and sloping features of the Gulf Coast Aquifer; the Railroad Commission of Texas reports on permit number 123 site violations and elevated gamma

radiation contamination on the surface covered with a minimum of one foot of new top soil; the results of the model prepared by Daniel B. Stephens and Associates; the sudden deterioration of water quality; and other issues, URAC's assessment is that "in their judgment in-situ leach mining can not be done safely in Goliad County". While there are many negative factors associated with borehole exploration and ISL uranium mining, the major issue is the impact on groundwater. GCGCD concurs with this assessment made by URAC that in situ uranium leach mining can not be done safely in Goliad County.

By notice issued August 29, 2007, the Texas Commission on Environmental Quality (TCEQ) notified property owners adjacent to the exploration permit number 123 area that Uranium Energy Corporation (UEC) had applied an application UR03075 to obtain a new Underground Injection Control Permit proposing to conduct in situ recovery of uranium at their facility in Goliad County.

GCGCD does not concur with the statement in the permit application that the Goliad Sand yields small quantities of variable quality water to wells in Goliad County. GCGCD also does not concur that the San Antonio River is the only permanent stream in Goliad County.

In the permit application written text, it states that the four sand units A, B, C, and D are confined. The correct nomenclature is that the sands are confining. There is a major difference between confined and confining sands where leakage does occur between confining sands. Leakage of a highly contaminated fluid such as occurs during in situ leach uranium mining between aquifer sands is not acceptable. Uranium in situ leach mining can not be safely done in an unconfined aquifer.

The permit application states that an Aquifer Exemption must be issued. The proposed uranium mining operation is located in the Gulf Coast Evangeline Aquifer recharge zone. This recharge area provides a drinking water supply for many rural residents and for livestock and wildlife in the immediate area of the proposed mining and continuing down dip. It is not possible to isolate a segment of this groundwater that is residing in an aquifer that is sloping at the rate of 90 feet per mile where the groundwater is steadily moving southeast making its way to the Gulf of Mexico and where this same groundwater comes to the surface in the form of springs feeding various streams.

Goliad County Groundwater Conservation District requests that a public meeting be held in Goliad County, Texas, with the Texas Commission on Environmental Quality and Uranium Energy Corporation regarding the above referenced permit application.

Sincerely,

✓ Wesley Ball, ✓ Art Dohmann, ✓ John Dreier, ✓ John Duke,

Raulie Irwin, ✓ Joe Kozielski, ✓ Barbara Smith,

✓ Board of Directors

Cc: Senator Glenn Hegar
Representative Yvonne Gonzalez Toureilles
The Railroad Commission of Texas attention Mr. Melvin Hodgkiss
GCGCD attorney Steven Paulsgrove

Dear Sir, RE. UR 03075 UIC 59943

I am Wesley Ball, a lifelong Goliad County resident. I own property in Goliad County and ranch in the county, as well. I have become concerned with the mining operation that is in the northern part of the county at this time and looking to expand into more of the county in the future. I have a main concern from the standpoint of water quality. I am familiar with the mining operations and feel that mining in our aquifer cannot be safe for our water. I want Goliad County to be a safe place for me to raise my children and for my children to raise my grandchildren. I am requesting that TCEQ hold a Public Meeting on this matter.

I feel the Goliad County Commissioners are just in their judgement that uranium cannot be mined safely in Goliad County. I also feel they are correct in going ahead with their plan to file for a contested case hearing on the quality of the environment and groundwater in Goliad County. Thank you very much for your time.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT -4 AM 10: 33
CHIEF CLERKS OFFICE

OPA PM
OCT 04 2007
BY

Sincerely,

Wesley Ball

10907 FM. 622
Goliad, Tx 77963
361-645-1737

MW

UIC
599243

BARNHART Q5 RANCH
YELLOW ROSE PETITE ACRES
MINIATURE MEDITERRANEAN DONKEYS
713-851-8966 WWW.BARNHARTDONKEY.COM

TEXAS COMMISSION ENVIRONMENTAL QUALITY
OCT -5 PM 2:35
CHIEF CLERKS OFFICE

John N. Barnhart
BARNHART Q5 RANCH
P.O. BOX 626
BERCLAIR, TEXAS 78107
TEL: 361-375-2824
MOBILE: 713-851-8966
E-MAIL: jbarnhart@ barnhartdonkeys.com

Tuesday, September 25, 2007

OPA
OCT 08 2007
BY KY

Office of the Chief Clerk **TCEQ**
P.O. Box 13087
Austin, Texas 78711-3087

Re: Application of Uranium Energy Corp, Goliad County UR 03075

We humbly ask your hearing, out of respect for our sensibilities, be held in Goliad County. Perhaps we are tender. Perhaps from our history when Fannin capitulated to Santa Anna's hordes, and then he and 300 men were executed. You hold the key to our ground water, and once you open the door to Uranium Energy Corp, we fear victimization with your skimpy budget unable to rescue our lands, our water, our flora and fauna-our heritage.

Goliad is the county overlooked by time since the 1836 surrender. We have suffered the joblessness of industry's neglect, the migration of our children to the cities, and our bit of oil income has gone back into the land. Yet, we were comforted by Mother Nature and a heritage, rather than statues to captains of industry, has been clear and uncontaminated water and field of grass with serene people and cattle. And, then came Amir Adnani.

He is promoter; chief-executive officer and president of the corp. and sent Harry Anthony of slash and burn notoriety in Kleberg County in behalf of Uranium Resources Corp in charge of "operations" on us. That was contracting out test wells which did not even meet minimum standard of the Railroad Commission. Meanwhile over-the-counter sales promotions in the US and Germany were at full thrust with just enough money trickled into the pot by the promoters to finance test wells along with confessions to the Securities and Exchange Commission that their life depended upon stock sales. Thus the storefront window was to look good although the store was empty.

Are we concerned? Yes, we sweat bullets and dependent upon under-funded TCEQ to not unleash Corp into our water sands. Once unleashed the short funding of TCEQ will ruin us.

Respectfully yours

John N Barnhart
361-~~[illegible]~~ 375-2824

Blind CC to:
Editor, Victoria Advocate
Margaret Rutherford
Brian Yanta

MW

WR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2007 SEP 28 AM 10: 21

CHIEF CLERKS OFFICE

BARNHART Q5 RANCH
YELLOW ROSE PETITE ASSES
MINIATURE MEDITERRANEAN DONKEYS
713-851-8966 WWW.BARNHARTDONKEY.COM

WR 59943

John N. Barnhart
BARNHART Q5 RANCH
P.O. BOX 626
BERCLAIR, TEXAS 78107
TEL: 361-375-2824
MOBILE: 713- 851-8966
E-MAIL: jbarnhart@ barnhartdonkeys.com

OPA
OCT 01 2007
BY

Tuesday, September 25, 2007

Office of the Chief Clerk **TCEQ**
P.O. Box 13087
Austin, Texas 78711-3087

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Respectfully yours

John Barnhart

John N Barnhart

MW

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 29

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: Darrell Blumich

Address: 106 Creek dr

City/State: Goliad, TEXAS **Zip:** 77963

Phone: (361) 645-1158

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☑ No

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

did not speak

☐ **I wish to provide formal oral comments.**

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(Written comments may be submitted at <u>any time</u> during the meeting)

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TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 29

OPA RECEIVED CHIEF CLERKS OFFICE
JAN 24 2008

AT PUBLIC MEETING

Texas Commission on Environmental Quality
The Honorable LaDonna Castanuela
Chief Clerk
MC-105, TCEQ
P. O. Box 13087
Austin, TX 78711-3087

January 24, 2008

Re: Public Comment at Public Meeting on uranium mining permit application UR03075

My name is Darrell Blumich. I am a landowner and rancher in Goliad County.

Many areas of the United States are approaching an acute shortage of water supplies for drinking water including many of the larger cities in the State of Texas.

The Article in the January 24, 2008 issue of the Victoria Advocate (copy attached) alludes to the Achilles Heel of the nuclear power industry. This Achilles Heel is the lack of cooling water supplies during drought periods.

The uranium mining permit application promotes the need for mining uranium to supply additional nuclear power. Existing nuclear power plants are already in jeopardy due to lack of sufficient cooling water supplies, so where will the water come from to sustain more nuclear power plants?

Thank You,

Darrell Blumich
106 Creek Dr.
Goliad, TX 77963

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

Texas Commission on Environmental Quality
The Honorable LaDonna Castanuela
Chief Clerk
MC-105, TCEQ
P. O. Box 13087
Austin, TX 78711-3087

January 24, 2008

Re: Public Comment at Public Meeting on uranium mining permit application UR03075

My name is Darrell Blumich. I am a landowner and rancher in Goliad County.

Many areas of the United States are approaching an acute shortage of water supplies for drinking water including many of the larger cities in the State of Texas.

The Article in the January 24, 2008 issue of the Victoria Advocate (copy attached) alludes to the Achilles Heel of the nuclear power industry. This Achilles Heel is the lack of cooling water supplies during drought periods.

The uranium mining permit application promotes the need for mining uranium to supply additional nuclear power. Existing nuclear power plants are already in jeopardy due to lack of sufficient cooling water supplies, so where will the water come from to sustain more nuclear power plants?

Thank You,

Darrell Blumich
106 Creek Dr.
Goliad, TX 77963

MW

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
OPA RECEIVED
JAN 24 2008
2008 JAN 28 AM 9:29
AT PUBLIC MEETING
CHIEF CLERKS OFFICE

The nuclear industry's 'Achilles' heel'

Southern drought could force nuke plants to shut down

BY MITCH WEISS - THE ASSOCIATED PRESS
January 23, 2008 - 9:10 p.m.

LAKE NORMAN, N.C. – Nuclear reactors across the Southeast could be forced to throttle back or tem shut down later this year because drought is drying up the rivers and lakes that supply power plants the awesome amounts of cooling water they need to operate.

Utility officials say such shutdowns probably wouldn't result in blackouts. But they could lead to sho higher electric bills for millions of Southerners, because the region's utilities could be forced to buy expensive replacement power from other energy companies.

Already, there has been one brief, drought-related shutdown, at a reactor in Alabama over the sum

"Water is the nuclear industry's Achilles' heel," said Jim Warren, executive director of N.C. Waste Awareness and Reduction Network, an environmental group critical of nuclear power. "You need a lc water to operate nuclear plants."

An Associated Press analysis of the nation's 104 nuclear reactors found that 24 are in areas experie the most severe levels of drought. All but two are built on the shores of lakes and rivers and rely on submerged intake pipes to draw billions of gallons of water for use in cooling and condensing steam

Because of the yearlong dry spell gripping the region, the water levels on those lakes and rivers are close to the minimums set by the Nuclear Regulatory Commission. Over the next several months, tl could drop below the intake pipes altogether. Or the shallow water could become too hot under the use as coolant.

"If water levels get to a certain point, we'll have to power it down or go off line," said Robert Yanity, spokesman for South Carolina Electric & Gas Co., which operates the Summer nuclear plant near Cc S.C.

Extending or lowering the intake pipes is not as simple at it sounds and wouldn't necessarily solve tl problem.

The pipes are usually made of concrete, can be up to 18 feet in diameter and can extend up to a mi Modifications to the pipes and pump systems, and their required backups, can cost millions and take several months. If the changes are extensive, they require an NRC review that itself can take montl longer.

Even if a quick extension were possible, the pipes can only go so low.

If put too close to the bottom of a drought-shrunken lake or river, they can suck up sediment, fish a other debris that could clog the system.

An estimated 3 million customers of the four commercial utilities with reactors in the drought zone g power from nuclear energy. Also, the quasi-governmental Tennessee Valley Authority, which sells el to 8.7 million people in seven states through a network of distributors, generates 30 percent of its p nuclear plants.

MW

While rain and some snow fell recently, water levels across the region are still well below normal. M the severely affected area would need more than a foot of rain in the next three months – an unusu large amount – to ease the drought and relieve pressure on the nuclear plants. And the long-term f calls for more dry weather.

At Progress Energy Inc., which operates four reactors in the drought zone, officials warned in Noven that the drought could force it to shut down its Harris reactor near Raleigh, according to documents obtained by the AP. The water in Harris Lake stands at 218.5 feet – just 3½ feet above the limit set plant's license.

Lake Norman near Charlotte is down to 93.7 feet – less than a foot above the minimum set in the li for Duke Energy Corp.'s McGuire nuclear plant. The lake was at 98.2 feet just a year ago.

"We don't know what's going to happen in the future. We know we haven't gotten enough rain, so w rule anything out," said Duke spokeswoman Rita Sipe. "But based on what we know now, we don't l we'll have to shut down the plants."

During Europe's brutal 2006 heat wave, French, Spanish and German utilities were forced to shut d some of their nuclear plants and reduce power at others because of low water levels – some for as r a week.

If a prolonged shutdown like that were to happen in the Southeast, utilities in the region might have electricity on the wholesale market, and the high costs could be passed on to customers.

"Currently, nuclear power costs between $5 to $7 to produce a megawatt hour," said Daniele Seitz, energy analyst with New York-based Dahlman Rose & Co. "It would cost 10 times that amount that had to buy replacement power – especially during the summer."

At a nuclear plant, water is also used to cool the reactor core and to create the steam that drives th electricity-generating turbines. But those are comparatively small amounts of water, circulating in w known as closed systems – that is, the water is constantly reused. Water for those two purposes is threatened by the drought.

Instead, the drought could choke off the billions of gallons of water that pass through the region's r every day to cool used steam. Water sucked from lakes and rivers passes through pipes, which act condenser, turning the steam back into water. The outside water never comes into direct contact wi steam or any nuclear material.

At some plants – those with tall, Three Mile Island-style cooling towers – a lot of the water travels u tower and is lost to evaporation. At other plants, almost all of the water is returned to the lake or ri though significantly hotter because of the heat absorbed from the steam.

Progress spokeswoman Julie Hahn said the Harris reactor, for example, sucks up 33 million gallons with 17 million gallons lost to evaporation via its big cooling towers. Duke's McGuire plant draws in than 1 billion gallons a day, but most of it is pumped back to its source.

Nuclear plants are subject to restrictions on the temperature of the discharged coolant, because hot can kill fish or plants or otherwise disrupt the environment. Those restrictions, coupled with the dro led to the one-day shutdown Aug. 16 of a TVA reactor at Browns Ferry in Alabama.

The water was low on the Tennessee River and had become warmer than usual under the hot sun. E time it had been pumped through the Browns Ferry plant, it had become hotter still – too hot to rel back into the river, according to the TVA. So the utility shut down a reactor.

David Lochbaum, nuclear project safety director for the Union of Concerned Scientists, warned that plants are not designed to take the wear and tear of repeatedly stopping and restarting.

"Nuclear plants are best when they flatline – when they stay up and running or shut down for long p to refuel," Lochbaum said. "It wears out piping, valves, motors."

Both the industry and NRC spokesman Scott Burnell said plants can shut down and restart without problems.

Be the First to Comment on this

UR03075

UIC 59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Chief Clerk.

September 25, 2007

2007 OCT -1 AM 10: 36

CHIEF CLERKS OFFICE

To whom it may concern:

My name is Darrell W Blumich, a resident and Livestock breeder in Goliad County Texas. As a resident and user of the ground water aquifer, I'm very concerned about the intentions of TCEQ to allow uranium mining in Goliad County.

I wish to express my full support of the Goliad County Commissioners in their judgment that uranium cannot be mined safely in Goliad Texas. I also support the plan by commissioners of Goliad County to file for a contested case hearing over concern of the impact on ground water resources and the quality of the environment in Goliad County.

Therefore I Darrell W Blumich would like to request a Public meeting in Goliad, Texas.

Sincerely

Darrell W. Blumich
106 Creek dr
Goliad Texas,77963

OPA PM

OCT 02 2007

BY

MW

UR03075

UIC
59943

Chief Clerk.

September 25, 2007

To whom it may concern:

My name is Linda Blumich, a resident and Livestock breeder in Goliad County Texas. As a resident and user of the ground water aquifer, I'm very concerned about the intentions of TCEQ to allow uranium mining in Goliad County.

I wish to express my full support of the Goliad County Commissioners in their judgment that uranium cannot be mined safely in Goliad Texas. I also support the plan by commissioners of Goliad County to file for a contested case hearing over concern of the impact on ground water resources and the quality of the environment in Goliad County.

Therefore I Linda Blumich would like to request a Public meeting in Goliad, Texas.

Sincerely
Linda Blumich

Linda Blumich
106 Creek dr
Goliad Texas,77963

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT -1 AM 10: 36
CHIEF CLERKS OFFICE

OPA PM
OCT 02 2007
BY

UIC
59943

OPA
JAN 24 2008
BY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 24 AM 10: 12
CHIEF CLERKS OFFICE

January 14, 2008

Office of the Chief Clerk
TCEQ
Mail Code MC-105
P. O. Box 13087
Austin, TX 76711-3087

UR03075

Dear Sirs:

I am Jim Bluntzer, PhD, a proud descendent of Peter Bluntzer who colonized the Meyersville area beginning in 1843. I live in the permit request area where UEC is doing extensive exploration to the south, west, and east of our family property seventeen miles North of Goliad near Ander, Texas. We are one of the few families in the area who have not signed on with UEC for exploratory drilling on our property.

My wife and I have followed with interest the debate for and against uranium mining in Goliad County. We both realize the need our nation and world has for the clean, efficient energy that uranium can provide, and our country's need to be free of foreign oil. We would consider signing the lease if we could be assured that our beautiful homestead, rolling hills covered with huge old live oak trees along the Coleto Creek, would not be destroyed by the mining process and left that way for many years. We run cattle and our pastures are where the drilling would probably take place.

Our question is: once the Texas Commission on Environmental Quality issues the permit to drill for uranium, will the state of Texas put up a bond that will protect all owners of the ecosystems (ranches) in the drilling area between the Fifteen Mile and Eighteen Mile Coleto Creeks? It's our understanding that a mediocre bond already exists, but we don't think it is enough to restore the land or to buy land elsewhere if or when we have to move away. If uranium is to benefit everyone, then there should be no problem with a bond of at least 500 million dollars being put up to protect the landowners. If the documented history of unsafe in situ mining around the world were better, then this substantial bond would not be needed.

The question is not what did Peter Bluntzer leave us, but what we will leave the next eight generations?

Sincerely,

Jim Bluntzer

Jim Bluntzer, PhD

MW

Jim Blumzer, Ph.D.
Blumzer Cattle Breeding
1260 Blumzer Rd
Gollad, TX 77963

CORPUS CHRISTI
TX 784 3 T
14 JAN 2008 PM

41USA

RECEIVED
JAN 24 2008
TCEQ MAIL CENTER
MM

Office of the Chief Clerk
TCEQ
Mail Code MC-105
P.O. Box 13087
Austin, TX 78711-3087

361-564-2955
4626 E FM 884
Yorktown, TX 78164

RE: Permit UR 03075

UIC
39943

Office of the Chief Clerk, MC 105
TCEQ
PO BOX 13087
Austin, TX 78711-3087

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT -4 AM 10:42
CHIEF CLERKS OFFICE

OPA
OCT 04 2007
BY

Dear Sir:

I oppose uranium mining in Goliad County. I live on a farm and the farm supports my livelihood. My fear is that it will ruin the acquifer that supplies my farm with drinking water as well as water for my livestock. Goliad County does not have a confined acquifer.

I am expressing my full support of the Goliad County Commissioners in their opinion that uranium cannot be mined safely. I also support the Goliad County Commissioners in their plan to file for a contested hearing.

Thank you.

Yours truly,
Robbie Boldt

Harvey J Borgfeld
2973 E. FM 884
Yorktown, Texas 78164

UIC
59943

Office of the Chief Clerk MC105
TCEQ
P.O. Box 13087
Austin, Texas 78711-3087

OPA

BY

2007 OCT -4 AM 10: 30
CHIEF CLERKS OFFICE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

To whom it may concern:

This letter is being written because of the concerns I have about the current quality of water in Goliad county as well as the future quality of water with the uranium mining in our county. As a life long resident of Goliad county, my family and I have land and cattle that would be affected by the mining. I also hold high concerns for the future generations to come.

Not only do I have a water well at my home, but one for my cattle as well. Therefore the water quality for my home as well as my land is of high priority to me and my family as well as the other residents in Goliad county. Being a farming and ranching community we are dependant upon our livestock and land. If problems should arise because of the mining, the community would become victim to a financial down fall.

This does not just affect Goliad county. Several of the surrounding counties obtain their water from the Gulf Coast Aquifer as well. These communities need to band together and protect our resources before it is too late. It is my belief that the mining can NOT be done safely with out damaging the quality of our water. We must take a stand now and protect our resources for future generations to come.

I would like to state that I am in full support of the Goliad county Commissioners in their judgment. Uranium mining can NOT be done safely in Goliad county. I would also like to express to you that I am also in full support of the commissioners of Goliad County to file for a contested case hearing over the concern of the impact of the ground water resources and the quality of the Goliad county environment. I sincerely hope that this matter is resolved quickly, as I do not want my children or grandchildren to have to concern themselves with this matter in the future.

Your prompt attention in this matter will be most appreciated.

Sincerely,

Harvey J. Borgfeld

MC

UIC
59943

Warren Borgfeld
7230 ST HWY 119
Yorktown Texas 78164

Office of the Chief Clerk MC105
TCEQ
P.O. Box 13087
Austin Texas 78711-3087

OPA

BY

CHIEF CLERKS OFFICE
2007 SEP 27 AM 10:03
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Dear Sirs:

I'm writing you because of my concern about the quality of water, with uranium mining in Goliad County. I'm a life long resident in Goliad County. I ~~have~~ own a few acres of land on which I have cattle, beside this I work and farm in surrounding counties. My family has also resided in Goliad County most of their lives.

Water Quality is very important to us here in Goliad County. As I have paid for and operator several ~~for the~~ water wells for cattle and personnel use.

Our source of water comes from the Gulf Coast aquifer, as does most of the surrounding counties. We need to protect our water resource. At this time I don't feel that In situ mining can be done safely without harming our quality of water.

In closing I wish to express my full support of the Goliad County Commissioners in their judgement that uranium mining cannot be mined safely in Goliad County. I also support the plan by the commissioners of Goliad County to file for a contested case hearing over the concern of the impact on ground water resources and the quality of the environment in Goliad County.

Thank You for your time

Sincerely
Warren Borgfeld

361-564-2578
PO Box 86
Yorktown, Tx 78164
Sept. 24, 2007

UIC
50943

Office of Chief Clerk, MC 105
TCEQ
P.O. Box 13087
Austin, Tx 78711-3087

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT -4 AM 10:41
CHIEF CLERKS OFFICE

Dear Sir: RE: PERMIT UR-03075

I oppose uranium exploration in Goliad County because I am concerned that it will ruin the acquifer that supplies drinking water as well as water for our livestock. Our farm belonged to several generations of our ancestors and we'd like to preserve it for our children.

OPA
BY
OCT 0 2007

I am expressing my full support of the Goliad County Commissioners in their judgment (after much research) that uranium cannot be mined safely in Goliad County. I am also supporting the plan by the Goliad County commissioners to file for a contested case hearing over the impact on groundwater resources and the quality of the environment in Goliad County.

Yours truly,
Mrs Harold Brandt

SIDNEY J. BRAQUET
ATTORNEY AT LAW

1324 Cortlandt Street, No. 1 Houston, Texas 77008
(713) 863-9333
Fax (713) 426-0007
Sidney@braquetlawfirm.com

UIC
50943

OPA

JUL 28 2008

BY BP

July 22, 2008

Office of the Chief Clerk
MC 105
Texas Commission on Environmental Quality (TCEQ)
P.O. Box 13087
Austin, Texas 78711-3087

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 24 PM 2: 52
CHIEF CLERKS OFFICE

Dear Sir:

I am writing to support Uranium Energy Corporation's proposed in situ mining operation (Proposed Permit No. UR03075) in Goliad County, Texas.

This project will help the country reduce its reliance on foreign fuels and move toward achieving energy independence. As a long time property owner whose family has ties that go back to the 1800's, I am confident that the property that is legacy my ancestors left for me and my family will be well cared for before, during, and after uranium mining operations in the county.

I also have taken the time to learn for myself the facts about UEC's Goliad project, and about uranium mining, and the project's potential impacts on the environment and local water supplies. With this knowledge, I have full confidence in this project and in the steps that UEC is already taking to closely monitor its operations so as to minimize its impact on the environment. In fact, two water wells on my property have remained unchanged since exploration holes were drilled beginning in 2006 and some of the holes were drilled in close proximity to these wells. If anyone should have their water wells impacted by this exploratory drilling, it should be the wells on our property and there has been no change at all. UEC has demonstrated its willingness to do this project the right way and to serve as a good corporate citizen and in my opinion will mine uranium in a responsible manner that addresses the concerns of the community and safeguards the environment.

With one nuclear power plant already in South Texas and another one in the planning stages, why not allow uranium mining in Goliad County to fuel the plants that will help ease the U.S. off of foreign sources for our energy and instead produce energy in a clean, safe and efficient manner. I strongly request that you approve Proposed Permit No. UR03075.

Very truly yours,

Sidney J. Braquet

(17)

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 23
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: SIDNEY J. BRAQUET

Address: 1324 CORTLANDT ST. #1

City/State: HOUSTON, TX **Zip:** 77008

Phone: (713) 863-9333

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☑ No

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**
(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY
2008 JAN 28 AM 9: 23
CHIEF CLERKS OFFICE

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

Public Hearing on Uranium Energy Corporation Permit Application
Texas Commission on Environmental Quality
Goliad, Texas, January 24, 2008
Comments by Sidney J. Braquet
Goliad County Landowner

Energy independence is something all Americans should strive for. The political instability of the Middle East—where most of the oil we use comes from—is the single best reason to expand our resources to generate fuel here at home. Concerns about global warming, pollution, green house gases and carbon dioxide are all reasons for investing in a source of fuel that is cleaner, more efficient, and can be safely produced domestically. Let's not fall victim to a mentality borne of fear, hysteria and misinformation. Arm yourselves with facts and statistics that come from objective and scientific sources—not those with a political agenda to be against something for the sake of being against it. As an advisor to one President of the United States once said, "Every man has a right to be wrong in his opinions. But no man has a right to be wrong in his facts."

The Facts & Statistics:
Nuclear reactor plants are proliferating all over the world to cleanly and efficiently provide for the growing demands of electricity. There are 120 nuclear plants around the US—4 in Texas right now and at least 2 more in the planning stages—one right here in South Texas.

A high percentage of uranium—the fuel used in nuclear reactors—is imported from elsewhere in the world. Currently, the U.S. is estimated to produce the 8th largest supply of uranium in the world, but consumes the largest amount of uranium. If nuclear power is on the rise, why not use domestically-mined uranium in our U.S. nuclear plants?

Coal plants generate 50% of the electricity in the U.S. And coal by far produces more harm to the environment by greenhouse gas carbon dioxide—in fact, coal plants are the leading contributor to these emissions. So why not reduce some of the reliance on coal to meet the electricity needs by using cleaner and safer nuclear power?

Between 1973 and 2005, the percentage of electricity generated by nuclear plants grew by 77%; using nuclear power to produce electricity generates no emissions that harm the environment; the U.S. and worldwide demand for uranium— the fuel of nuclear power plant—is sure to only increase.

Uranium is ever present just under the earth's surface; in many places it cannot be economically mined; in other places (like in Goliad County) it is capable of being mined economically—and safely—and under stringent governmental regulations.

Groundwater and its restoration is a legitimate concern—and this too is regulated to high standards and overseen by government regulators. In the 30 years of in situ recovery of uranium, restoration of groundwater to pre-mining quality standards has been successful—and even aided by researchers at Texas A & M University at Kingsville.

MW

Much of the groundwater and well water in the areas where test drilling has already occurred showed higher measures for certain elements than EPA drinking water standards—but keep in mind these elements were present even before bore hole test drilling started. And some of these higher than standard levels are only harmful if water is consumed in large amounts—like 2 liters of water per person per day for 70 years. Who drinks water at this rate? What this means is that the EPA drinking standards have safety factors built into the numbers.

These are the reasons why I support Uranium mining in Goliad County

- The U.S. must reduce dependence on foreign sources of energy—especially in today's politically and economically volatile world markets.
- The demand for electricity will increase exponentially in the future; we need to meet this demand with alternatives to conventional methods like coal which have more harmful effects on the environment.
- Uranium produced for nuclear energy is so much more efficient than oil or coal in generating electricity: 1 lb. of uranium is the equivalent of 37 barrels of oil and 8.9 tons of coal.
- Nuclear energy to produce electricity is on the rise in the U.S. (and worldwide).
- The nuclear power plants in Texas have to rely on foreign sources for their uranium—when we have the uranium ore right here in South Texas.
- The number of nuclear power plants is expected to rise as world demand for cheaper and more efficient forms of generating electricity are developed.
- Nuclear power to produce electricity is not a new idea—many European countries have relied largely on nuclear power for years, and in France, over 75% of its electricity is produced from nuclear power
- It follows that with the increase in nuclear power, an increase in sources for uranium is needed—and it should be produced domestically, safely and in harmony with strict regulatory controls.
- New and alternate sources of energy already exist in Texas: Texas recently overtook California as the U.S. leader in wind power production. Tapping the uranium market as another alternative to oil production will help the Texas economy maintain its high stature as a top energy producer for both nuclear and wind power.
- The aquifer where in situ mining will occur is a confined aquifer. It is not economically feasible to mine the uranium using the in situ method if the uranium is in an unconfined aquifer.
- Multiple types of metals are commonly found in drinking water; recently one Victoria County well was tested and the ground water district found that radium was at elevated levels; this had nothing to do with test drilling for uranium (as has been alleged in Goliad County) because no such test drilling has occurred in Victoria County. This situation is just another example of the fact that various metals and elements are already present in the drinking water above the EPA-approved levels.

- There are risks involved in all of life—we must weigh the risks and act in our best interests and have faith in the permitting process and regulatory process.
- Was Spindletop a risky venture for the environment? Didn't it put the groundwater resources at risk? Doesn't the expansion of a coal-fired plant risk harm to the air we breathe?
- About 20% of electricity in the U.S. is generated from nuclear power. This is up from about 4.5 % in 1973—a 77% increase. Will there be an increase in 5, 10 or even 20 years? It is highly likely, so why not use what South Texas has to get reduce our reliance on foreign sources for our energy future?

My family's roots go back to the mid 1800s when my great-grandfather emigrated from Europe to find a better life in the U.S. He made his own way in South Texas; amassed over 1800 acres in Goliad County; raised a family of 8 children, one of whom was my late grandmother, Martha Hencerling Gleinser. She and my grandfather, Charlie Gleinser, also made their home in Goliad—where they farmed and raised their 2 daughters, one of whom was my mother. My grandmother was a proud pioneering spirit, who after being divorced in the early 1940s, went on to live off the land. As a single woman she raised cattle, chickens, and crops--and tended her vegetable garden until 1973 when she could no longer stay at her home. She loved the land and took every opportunity to tell me as early as when I was 6 years old that she worked hard to keep her place as a single woman. It could not have been easy. She instilled in my mother and in me the meaning of independence and hard work. Keeping the land in Goliad County in the family for future generations was paramount to Martha Gleinser. Her love of the land in Goliad County was endless—and she instilled this love of the land in her daughter—my mother—and in me. I cherish that my family now enjoys the fruits of her labor. I say this to stress that I would never want or allow any harm to be done to this land my grandmother worked so hard to keep. She was truly my first hero. I would never support any kind of project that would damage the environment or harm the land she worked so hard to keep and that meant so much to her, my mother, to me and to my ancestors. My heritage and my grandmother's legacy are important to me and I would never disparage her valiant struggles to keep the land. I would never shirk my solemn responsibility to be a good steward of the land entrusted to me by my grandmother.

Above all, please educate yourself about the uranium mining process and don't be misled by a mentality that the sky is falling, or by statements and information that are misleading and sensationalized. Don't believe those who argue that carpetbaggers are here to rape and pillage the land, taking what they need and then leaving behind in their wake a vast wasteland. It is simply not true. Members of the Uranium Energy Corporation have been working with my family for over 30 years to develop uranium so that all of us can proudly say that we can—and will—be energy independent, using a source available right under the surface of our pasture lands. It can be done safely, in an environmentally friendly way, and it will be done under strict regulations by multiple agencies whose charge is to protect the public and the lands we hold so dear.

Public Notice Description Results

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Protecting Texas by Reducing and Preventing Pollution

NOTICE OF PUBLIC MEETING ON AN APPLICATION FOR A NEW UNDERGROUND INJECTION CONTROL PERMIT PROPOSED PERMIT NO. UR03075

APPLICATION. Uranium Energy Corp., 100 East Kleberg, Suite 210, Kingsville, Kleberg County, Texas 78363, has applied to the Texas Commission on Environmental Quality (TCEQ) for a new Class III Underground Injection Control Permit proposing to conduct in situ recovery of uranium at their facility. The facility is located 13.3 miles north on U.S. 183 from the City of Goliad to FM 1961, then two miles east to the site.

The TCEQ Executive Director has determined the application is administratively complete and is currently under technical review. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application.

PUBLIC COMMENT/PUBLIC MEETING. A public meeting will be held and will consist of two parts, an Informal Discussion Period and a Formal Comment Period. During the Informal Discussion Period, the public is encouraged to ask questions of the applicant and TCEQ staff concerning the application and the Executive Director's preliminary decision, but these informal comments made during the informal period will not be considered by the Commissioners before reaching a decision on the permit and no formal response will be made. During the Formal Comment Period, members of the public may state their formal comments into the official record. A written response to all formal comments will be prepared by the Executive Director and considered by the Commissioners before they reach a decision on the permit. A copy of the response will be sent to each person who submits a formal comment or who requested to be on the mailing list for this application and provides a mailing address. Only relevant and material issues raised during the formal comment period can be considered if a contested case hearing is granted.

The Public Meeting is to be held: January 24, 2008 at 7:00 p.m. Immaculate Conception Parish Hall 225 N. Commercial Street Goliad, Texas 77963

INFORMATION. Citizens are encouraged to submit written comments anytime during the meeting or by mail before the meeting to the Office of the Chief Clerk, TCEQ, Mail Code MC-105, P.O. Box 13087, Austin, TX 78711-3087. If you need more information, please call the TCEQ Office of Public Assistance, Toll Free, at 1-800-687-4040. Si desea información en Español, puede llamar 1-800-687-4040. General information about the TCEQ can be found at our web site at www.tceq.state.tx.us.

The permit application is available for viewing and copying at the Goliad County Courthouse, 127 N. Courthouse Square, Goliad, Texas 77963. Further information may also be obtained from Uranium Energy Corp, 100 East Kleberg, Suite 210, Kingsville, Kleberg County, Texas 78363, or by calling Mr. Josh Leftwich, at (361) 991-9720.

RELATED LINKS:

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TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 24
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: Chris Bridges

Address: 1483 E. F.R. 884

City/State: Yorktown TX **Zip:** 78164

Phone: (361) 564-9240

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☐ **No**

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

mw

LIIC
59943

OPA
JUL 18 2008
BY EB

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 17 PM 2:51
CHIEF CLERKS OFFICE

Kenneth & Daphne Butler
8168 FM 2441
Goliad, Tx. 77963

July 4, 2008

Office of the Chief Clerk, MC 105
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Re: Proposed Permit No. UR03075 Uranium Energy Corp (UEC) UEC's Request for Exempted Aquifer

Dear Chief Clerk:

We are citizens of Goliad County and are deeply concerned about our way of country life being affected by the uranium mining, not to mention our health and our animal safety.

We would like to request a public meeting in Goliad County with the TCEQ and UEC regarding proposed Permit No. UR03075 and UEC's request for an

exempted aquifer.

We are most definitely in support of the written request made by the Law Firm of Blackburn Carter, dated Sept. 6, 2007 on behalf of Goliad County Commissioners' Court for a contested case hearing on UEC's proposed Permit No. UR03075 Application for a Class III Underground Injection Control Permit and UEC's request for an exempted aquifer.

We would also like to be placed on the permanent mailing list for Goliad County.

Thanks for your time and attention to our comments.

Sincerely,

Daphne Buetter
Kenneth W. Buetter

UIC 59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
February 6, 2008

2008 FEB 14 PM 2:31

CHIEF CLERKS OFFICE

RECEIVED

FEB 08 2008

Texas Commission on Environmental Quality
Commissioners' Offices

OPA

FEB 15 2008

BY

Texas Commission on Environmental Quality
1200 Park 35 Circle Bldg F
PO Box 13087
Austin, TX 78711

Commissioners:

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First question is: Has the TCEQ ever denied a class 3 permit of this type for mining anywhere in the state?

Second concern and associated question is this: It is my understanding that when UEC first began drilling boreholes for this project that the water they were using for drilling was being obtained from a well that was deemed "Non-potable". If that is indeed the case, has that non-potable well been tested for contamination and the constituents that are showing up in many of the wells in the area of the exploration that are being tested after the borings have been taken?

Third question that I raised: What are the wastes created by this mining process? UEC stated "Wastewater which will be disposed in a Class 1 injection well and non-hazardous solid waste mining tails". I believe it was noted by either UEC or TCEQ members present that the State of Texas is an "Agreement State" per Part 266 Subpart N--Conditional Exemption for Low-Level Mixed Waste Storage, Treatment, Transportation and Disposal of the Resource Conservation and Recovery Act (RCRA). This is RCRA Part 266.210 and *"Eligible Naturally Occuring and/or Accelerator-produced Radioactive Material (NARM)* is NARM that is eligible for the Transportation and Disposal Conditional Exemption. It is a NARM waste that contains RCRA hazardous waste, meets the waste acceptance criteria of and is allowed by State NARM regulations to be disposed of at a low-level radioactive waste disposal facility (LLRWDF) licensed in accordance with 10 CFR part 61 or NRC Agreement State equivalent regulations."

The members of UEC stated that their process produces no Hazardous waste by this definition and the terms of this subpart continue to define "*Exempted waste* means a waste that meets the eligibility criteria in 40 CFR 266.225 and meets all of the conditions in 40 CFR 266.230, or meets the eligibility criteria in 40 CFR 266.310 and complies with all the conditions in 266.315. Such waste is conditionally exempted from the regulatory definition of hazardous waste described in 40 CFR 261.3"

Section 266.225 states the following in part which UEC is not complying with "(...In addition, NARM waste is ineligible for this exemption.)"

Section 266.230 states in part that "...to qualify for this exemption you must notify us in writing by certified delivery that you are claiming a conditional exemption for the Low Level Mixed Waste (LLMW) stored on your facility." This section has many other requirements about proper storage, chemical compatibility requirements, facility personnel training per 40 CFR 265.16(a)(3), inventory at least annually, inspect at least quarterly per Subpart N, and maintain an accurate emergency plan and provide it to all local authorities. UEC cannot use 266.225 and 266.230 due to their waste being NARM waste.

For the other possible Exemption (40 CFR 266.310 and conditions 266.315) the waste must be treated to meet Land Disposal Restriction (LDR) standards specified in 40 CFR part 268, subpart D, the

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waste must be sent to a designated LLRWDF, must be manifested and transported either per NRC Agreement State equivalent manifest or per NRC regulations described in 266.325 which states that you must meet the manifest requirements under 10 CFR 20.2006 or per NRC Agreement State equivalent regulations. UEC stated at the meeting that they are not required to manifest their waste so they are not meeting this exemption either.

The textual references quoted above are taken from McCoy's RCRA Reference 2007 edition. According to these references from the CFR, the NARM waste tails that UEC produces in their mining process are NOT eligible for exemption and must be handled as Hazardous waste. Therefore, UEC is probably in violation of the RCRA law. If they are not, please provide documentation as to how UEC meets the requirements of this section of RCRA and whether or not UEC has either a State or NRC license that states how they will handle these wastes properly to prevent harm to the environment.

We as citizens of this historic Texas County have great concerns where mining can affect our drinking water aquifer. UEC documentation provided at the meeting shows that ore deposits are from the surface to +-400 feet deep. My water well in Southern Goliad County is drilled to a depth of 263 feet per drilling records I have. I have another well my property that is not currently being used that is approximately 156 feet deep. I would also appreciate the commission providing independent research on UEC's claim that the aquifer they are drilling in is a "Confined" aquifer. (Reference from UEC documents provided at meeting titled "Uranium Energy Corporation to Help Meet Critical Energy Needs with Mining Project in Northern Goliad County" page 2 paragraph 3 and "Myth vs. Fact -- Goliad Project False Issues Exposed" page 2 under Geology section where UEC states that a TCEQ representative confirmed that the county aquifer is "Contained").

One other note while looking over UEC's documentation - They purport to use Reverse Osmosis filtration technique to recycle and reuse water used in their drilling process and that the process recovers three fourths of the water used. Reverse Osmosis is generally a rather slow filtration system, requiring high pressure on the inlet side and works best with "clean" water streams which is not what UEC will be trying to push through these R.O. systems. Some web sites note disadvantages of Reverse Osmosis units center mainly around their use of large quantities of water (Only 5 to 15% recovery) (http://www.ag.ndsu.edu/pubs/h2oqual/watsys/ae1047w.htm#disadvantage). This opposes UEC's claim that the Reverse Osmosis process will recover three-quarters of the water used for drilling. Please investigate the efficiency of the filtration systems they are using to insure that this amount of good clean drinking water will not be wasted by this drilling process.

Sincerely,

Kenneth W. Buelter

Kenneth W. Buelter
A Concerned Goliad County Citizen
8168 FM 2441 Goliad, 77963

OPA

FEB 12 2008

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY RECEIVED

FEB 08 2008

2008 FEB 14 AM 10:26

Texas Commission on Environmental Quality
Commissioners' Offices

CHIEF CLERKS OFFICE

February 6, 2008

Texas Commission on Environmental Quality
1200 Park 35 Circle Bldg F
PO Box 13087
Austin, TX 78711

OPA

FEB 15 2008

BY

UIC
59943

Commissioners:

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Sincerely,

Kenneth W. Buelter

Kenneth W. Buelter
A Concerned Goliad County Citizen
8168 FM 2441 Goliad, 77963

OPA

FEB 12 2008 IPX UIC 59943

BY DL

February 6, 2008

RECEIVED

FEB 08 2008

Texas Commission on Environmental Quality
Commissioners' Offices

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 FEB 11 PM 1:53

CHIEF CLERKS OFFICE

Texas Commission on Environmental Quality
1200 Park 35 Circle Bldg F
PO Box 13087
Austin, TX 78711

Commissioners:

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Sincerely,

Kenneth W. Buelter

Kenneth W. Buelter
A Concerned Goliad County Citizen
8168 FM 2441 Goliad, 77963

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TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

2008 JAN 28 AM 9:20
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLEASE PRINT:

Name: PAT. Calhoun

Address: P.O. Box 576

City/State: Goliad TX Zip: 77963

Phone: (361) 648-9895

☐ Please add me to the mailing list.

Are you here today representing a municipality, legislator, agency, or group? ☒ Yes ☐ No

If yes, which one? URAC & Goliad County Farm Bureau

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☒ I wish to provide formal oral comments.

☒ I wish to provide formal written comments at tonight's public meeting.
(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

Permit UR03075
January 24, 2008
Office of the Chief Clerk, TECQ
Mail Code MC-105
P.O. Box 13087
Austin, TX 78711-3087

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

P. T. Calhoun
P.O. Box 576
Goliad, TX 77963
(361) 645-9895

Good evening and thank you for the opportunity to testify, my name is Pat Calhoun. I am a rancher in Goliad County, the President of Goliad County Farm Bureau and a member of the Goliad County Uranium Research and Advisory Committee. This committee was established by the Goliad County Commissioner's Court and in that capacity; I represent the agricultural and wildlife producers in Goliad County. Tonight I would like to address three issues concerning agriculture and wildlife; first, financial impact of water loss; second, impact on water quality; and third, risk of the historical pattern of permit violations.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:20
CHIEF CLERKS OFFICE

1. Livestock production and wildlife resources are major economic factors in Goliad County, where livestock sales (according to the 2002 Agricultural Census for Goliad County) accounted for $15,046,000 of $16,933,000 total agricultural sales, 88.85%. The loss of, or restrictions in production of either would cripple the land owners' livelihood. Most ranchers depend on water wells to supply the water needed for their livestock. Wildlife is often dependent on the same water made available for livestock, especially during drought conditions. The same degradation effects that apply to livestock usage apply to wildlife. For example, according to the mining permit filed by Uranium Energy Corporation, (UEC), their plan is to dispose of a minimum of 72,000 gallons of water per day, every day the mine is in operation, due to the in-situ process. According to Texas Agricultural Statistic Services, the average beef cattle herd in Texas is approximately 48 head. A lactating cow will drink 20 to 25 gallons of water per day, so if you do the math, a loss of 72,000 gallons of water means that potentially 60 herds per day will be without

mw

P. T. Calhoun
P.O. Box 576
Goliad, TX 77963
(361) 645-9895

water every day that mine is in operation, and that is just for this one mining permit!!! Again, according to the mining permit filed by UEC, they plan to dispose of a minimum of 260,000 gallons of water per day, every day, during the reclamation phase of the mining process. This equates to the loss of water for over 200 herds per day, EVERY DAY!! At this point, I would like to stress that these water figures are UEC's own figures, which I believe are greatly understated. As I mentioned previously, groundwater not only provides water for human and livestock consumption, but also wildlife. Landowners in Goliad County realize approximately $1,200,000 in annual income from wildlife resources. Loss of available groundwater for livestock and wildlife operations would be financially catastrophic to area landowners!

2. Six water wells in and contiguous to the exploration permit area have been degraded since exploration began. Wells that have never before had a problem are now plugging up and have been contaminated with iron oxide bacteria, causing a "red slime" to collect in water filters and form in household appliances. In one particular instance, when livestock were forced to use an older well that provided water solely for livestock use and were barred from using a newer filtered well, the animals broke through the barrier fence to get to that filtered water. The Railroad Commission of Texas was asked to conduct an investigation into the well degradation and concluded that there was no proof that the exploration was the cause of the problems. The suggestion was made that the excessive rainfall in the spring of this year was the culprit. I still don't understand how only those

P. T. Calhoun
P.O. Box 576
Goliad, TX 77963
(361) 645-9895

wells in close proximity of the exploration site could become degraded when the entire county received that "excessive" rainfall. Additionally, since we have been in drought conditions since the last quarter of 2007, the Railroad Commission has offered no revised reason for the occurrence of degraded groundwater and why the wells have not cleared up, but in fact, an additional one has became contaminated.

3. UEC has publicly stated that they want to be "good neighbors", yet they were cited by the Railroad Commission in an inspection report, during an inspection conducted 7 – 9 March 2007, attached in a letter to Mr. James Blackburn, for 74 violations of their exploration permit. One specific violation, repeated many times over, was the improper surface plugging of boreholes. Another was the improper backfilling of mud pits, resulting in the exposure of radioactive materials to the surface. According to a Railroad Commission report sent to Goliad County Judge Harold Gleinser on 9 May 2007, reads in part: "ingestion of the radioactive materials (including inhalation of airborne dust) from this limited number of mud pits should be avoided." A statement such as this indicates that someone within the Surface Mining and Reclamation Division of the Railroad Commission believes there is some sort of potential hazard, but what, still remains unknown. I have been in either direct or indirect contact with the following experts: Dr. Hillman, Texas Animal Health Commission, Dr. Poston, Nuclear Engineering Department, Texas A&M University, and Dr. Acuff, Animal Science Department, Texas A&M University. They have all assured me that there are no short-term ill effects on

P. T. Calhoun
P.O. Box 576
Goliad, TX 77963
(361) 645-9895

livestock or wildlife to this type of exposure; however, they reported that there has been no research conducted to determine the possible long-term ill effects. Additionally, Section 9.5 of the application titled "Rain and Emergency Operations" addresses rainfall captured on the production pads being disposed of as "waste fluids." It also discusses a 25 year rain event of 8.5 inches in a 24 hour period. We have had MANY instances where this is exceeded, which begs the question, WHAT IF??? Surface spills, whether from rain water or equipment failure, CANNOT be tolerated! Lastly, I would like to point out that broken pipes or failed valves are accidents, violations such as "surface plugs" found to be in excess of 20 feet below the surface, or improperly backfilled mud pits are not.

In conclusion, I would like to emphasize that statewide agricultural organizations, such as the Texas Farm Bureau and the Texas and Southwestern Cattle Raisers Association, believe very strongly in private property rights. As President of the Goliad County Farm Bureau, an active member of the Texas and Southwestern Cattle Raisers Association, a member of the Goliad County Uranium Research and Advisory Committee and a Goliad County rancher and property owner I am a strong and vocal advocate of private property rights; however, let it be understood that my property rights stop at my property line. Whatever my neighbor does on his property is his business, but his business cannot infringe on my rights. The historical evidence indicates that no unconfined aquifer can be mined without irrevocable change and damage to it, in other words, reduction of water volume and degradation of water quality. Our aquifer in the mining area, as

P. T. Calhoun
P.O. Box 576
Goliad, TX 77963
(361) 645-9895

well as the rest of the county, is in continuous use and must remain available for continuous use. Lastly, regarding this company's historical track record, until it can be scientifically PROVEN that this, or any other uranium mining company will not harm our aquifer and ultimately the agricultural and wildlife producers of Goliad County, then I respectfully request and STRONGLY urge the Commission to reject this and all future requests by this or any other uranium mining company in Goliad County. Thank you.

QUESTIONS REGARDING URANIUM ENERGY PERMIT APPLICATION

SECTION 10: FLUID HANDLING CAPACITY VS. REQUIREMENTS

Does TCEQ have a requirement for a water management plan?

UEC states that a conservative assumption is a rainfall factor of 2.5 inches per month. How can TCEQ consider this to be a conservative assumption when the average rainfall for several months of the year exceeds 5 inches per month?

UEC plans to permit 2 Class I non hazardous waste disposal wells. What is the justification for the non hazardous waste classification when during dry months the injected fluid can be only the RO brine which can contain toxic elements above the EPA drinking water standard?

Table 10-1 is based on a proposed 1% bleed from the production zones and 6 pore volumes for restoration. Will TCEQ require a contingency plan from UEC to address a higher bleed during production and greater number of pore volumes for restoration?

Pat Calhoun

OPA RECEIVED

JAN 24 2008 eb

AT PUBLIC MEETING

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 JAN 28 AM 9:20

CHIEF CLERKS OFFICE

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ELIZABETH A. JONES, *CHAIRMAN*
MICHAEL L. WILLIAMS, *COMMISSIONER*
VICTOR G. CARRILLO, *COMMISSIONER*

MELVIN B. HODGKISS, P.E., *DIRECTOR*

RAILROAD COMMISSION OF TEXAS
SURFACE MINING AND RECLAMATION DIVISION

March 27, 2007

RECEIVED
MAR 3 0 2007

OPA RECEIVED
JAN 2 4 2008
AT PUBLIC MEETING

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 2
CHIEF CLERKS OFFICE

Mr. James B. Blackburn, Jr.
Blackburn Carter
4709 Austin
Houston, Texas 77004

RE: Uranium Energy Corporation (UEC)
Weesatche Project, Goliad County
Uranium Exploration Permit No. 123
Inspection Report

Dear Mr. Blackburn:

Enclosed is a copy of the report for the inspection completed on March 7-9, 2007 at UEC's Weesatche Project, Goliad County. The inspection focused on assessing the borehole site reclamation in accordance with the performance standards defined in the permit application, permit issuance letter and the Uranium Act and Regulations. Deficiencies with the borehole and mud pit reclamation were identified and a Notice of Violation was issued as a result of the inspection.

Additionally, a gamma radiation survey of the area was conducted for comparison of the pit area radiation levels with the normal background level. The soil samples collected as part of this survey are still being analyzed and will be included in a subsequent report.

If you have any questions, please contact me at (512) 463-6901.

Sincerely,

Melvin B. Hodgkiss

Melvin B. Hodgkiss, Director
Surface Mining and Reclamation Division

MBH/ms
Enclosure

RAILROAD COMMISSION OF TEXAS
SURFACE MINING AND RECLAMATION DIVISION
URANIUM EXPLORATION INSPECTION REPORT

Mine Name: Weesatch Project Permit Number: 123

Permittee: Uranium Energy Corporation (UEC) County: Goliad

Industry Representative(s) Present: Mike O'Leary

Inspector: Murphy Hawkins, Michael Gay, Jon Brandt, Dean Poth Date of Inspection: March 7-9, 2007

I. Field Conditions and Data Collection

Samples Collected: No ☐ Yes ☒ Sample Type: Water ☐ Soil ☒ Vegetation ☐

Average Temperature 70° F Soil Condition Dry Date Last Rainfall unknown Wind Direction/ Velocity (Est.) _____

Photographs Attached: No ☐ Yes ☒

II. Enforcement Action Taken

Notice of Violation Issued: No ☐ Yes ☒ NOV No. 080A

Cessation Order Issued: No ☒ Yes ☐ CO No. _____

Inspector Signature 03/23/2007 Date Reviewing Supervisor Signature 3-26-07 Date

The Railroad Commission of Texas complies with Federal and State laws applicable to race, religion, national origin, sex, and disability. Information is available upon request by calling (512) 463-7288 or 1-800-735-2989 if special assistance is required.

Mine Name: Weesatch [illegible]ect
Permit Number: 123
Inspection Date: March 7-9, 2007

III. Comments – Inspection Narrative

- *Document the area of the permit inspected*
- *Discuss observations made during the inspection*
- *Document the results of any field tests taken*
- *Provide a summary of any discussions with industry representatives, along with results, and expectations from those discussions*
- *Describe any enforcement action taken during the inspection, along with facts or evidence supporting the enforcement action*

This inspection focused on reclamation of the drilling activities associated with UEC's Weesatch Project, Permit No. 123. The examination was in response to a complaint and request for on-site investigation by James B. Blackburn, Jr. representing Goliad County. The complaint, received February 6, 2007, alleged that UEC was not disposing drill fluids and potentially harmful cuttings in accordance with the approved Uranium Exploration Permit No. 123 and that UEC's activities were adversely impacting the area groundwater resources. We met with Mr. Mike O'Leary at the site on March 7, 2007 at the beginning of the inspection.

Goliad County Commissioner Jim Krenek, Mr. Art Dohmann, Ms. Margret Rutherford and Dr. H. C. Clark, representing the Goliad County group, were also present on March 7, 2007. At the groups' request, we met them at the property of Mr. Elder Abrameit where they discussed the site conditions that prompted their complaint (see photograph 1).

UEC was contacted regarding the complaint and in response provided, by email on February 9, 2007, the location coordinates, plugging dates, and land ownership for each borehole drilled under the permit. UEC reported to the Commission that it had thus far plugged 202 holes.

The inspection focused on the surface impacts of the drilling program to verify if the reclamation procedures were being met. Site reclamation was assessed based on the performance standards defined in the permit application, permit issuance letter and the Uranium Act and Regulations. A total of 117 of the 202 boreholes reported as plugged were checked. A table listing the 117 drill locations checked during this inspection and the evaluation of reclamation associated with each borehole and mud pit is attached. During this inspection UEC had four drilling rigs active (see photograph 2). Only the older boreholes, on which UEC had provided identification information and reported as plugged, were inspected for reclamation compliance.

In Section IV A of the application, UEC states that, during drill site preparations, topsoil will be segregated from other soils and saved and later re-distributed. Topsoil was not re-distributed on the top of the majority of the drill sites inspected. In the 117 borehole sites inspected 74 were not fully re-topsoiled. Site 32892-84 (see photograph 3) exemplifies this drill site reclamation failure. Site 32892-84 is covered with a gray subsoil with little or no topsoil evident.

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III. Comments – Cont.

In Section IV A of the application, UEC states that mud pits will be allowed to dry before being backfilled with subsoil and cuttings. This drying aids in preventing excursions semi-solid drilling fluids. I observed at the active sites that drilling pits were being backfilled very quickly after the hole was logged with no drying period (see photograph 4). This process caused lighter drilling liquids to be crowded out of the pit and flow on to the surface. Evidence of this reclamation failure was also evident in the several older drill holes including Borehole 32892-84 where drilling fluids or cuttings were found on the surface (see photograph 5).

In Section IV A of the application, UEC states that mud pit areas will be backfilled to above grade to allow for settling. This precaution is designed to prevent the formation of depressions in the pasturelands drilled. Eleven of the 117 boreholes inspected had depression areas forming over the mud pits. Borehole 32201-N40 is an example of this backfilling failure (see photograph 6).

UEC committed in Section IV B of the application to mark each borehole location in such a way that the Commission could verify the presence of a surface plug. UEC provided the Commission with State Plane Coordinates for each borehole. We attempted to locate the boreholes with the coordinates using three separate GPS systems, one with sub-meter accuracy. The Commission inspectors were only able to tag the surface plug in six holes of the 117 inspected using the GPS and a four foot steel rod probe. The holes that were located were found because there was some surface indication of the borehole location not because they were at the exact coordinates provided. Evidence was present in the field that a number of boreholes may have been marked over the hole with a wooden stake at one time but most of the sites had been regraded or otherwise re-disturbed.

As required by the Commission's permit issuance letter, each borehole drilled in this project is required to have a ten-foot surface plug located three feet below the surface. The majority of the borehole locations were unable to be located for verification. Of the fourteen boreholes located, five were found to be open to the surface with the cement plug estimated to be greater than 20 feet below the surface and the remainder of the plugs found were between 0 and 18 inches below the surface. Borehole 32201-N38 (see photograph 7) is an example of this plugging failure.

Several sites were inspected where the surface reclamation had been done in accordance with the performance standards contained in UEC's Permit No. 123 (see photographs 8 and 9).

In addition to the site reclamation inspection, a gamma radiation survey of the area was made to determine if the radiation levels from the pit areas was higher than background levels. As part of this survey, soil samples were secured for analysis. The results of this part of the inspection are still being analyzed and will be included in a subsequent report.

Mine Name: Weesatch [illegible]ect
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III. Comments – Cont.

Based on observations made during this field inspection I believed that UEC was not in compliance with their Exploration Permit and the Regulations and issued Notice of Violation 080A. The Notice of Violation requires that UEC install a concrete surface plug at all sites, mark the exact location of each borehole for verification by the Commission, and remove all drilling mud, cuttings, cement and other debris burying it with no less than one foot of topsoil. UEC is directed to complete the remedial action by April 12, 2007.

A closeout meeting was conducted on March 12 via telephone conference with Mr. O'leary wherein the items included in this report were discussed.

Mine Name: Weesatch Project
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VI. Photographs

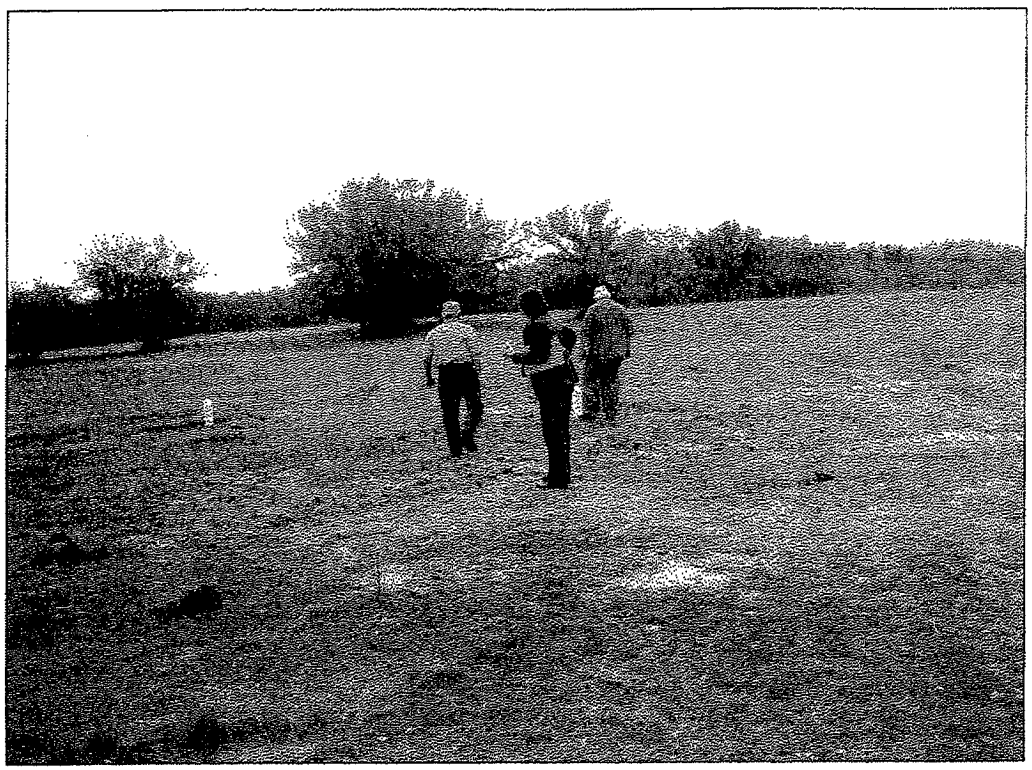

Photo 1: Abrameit property with members of Goliad County group

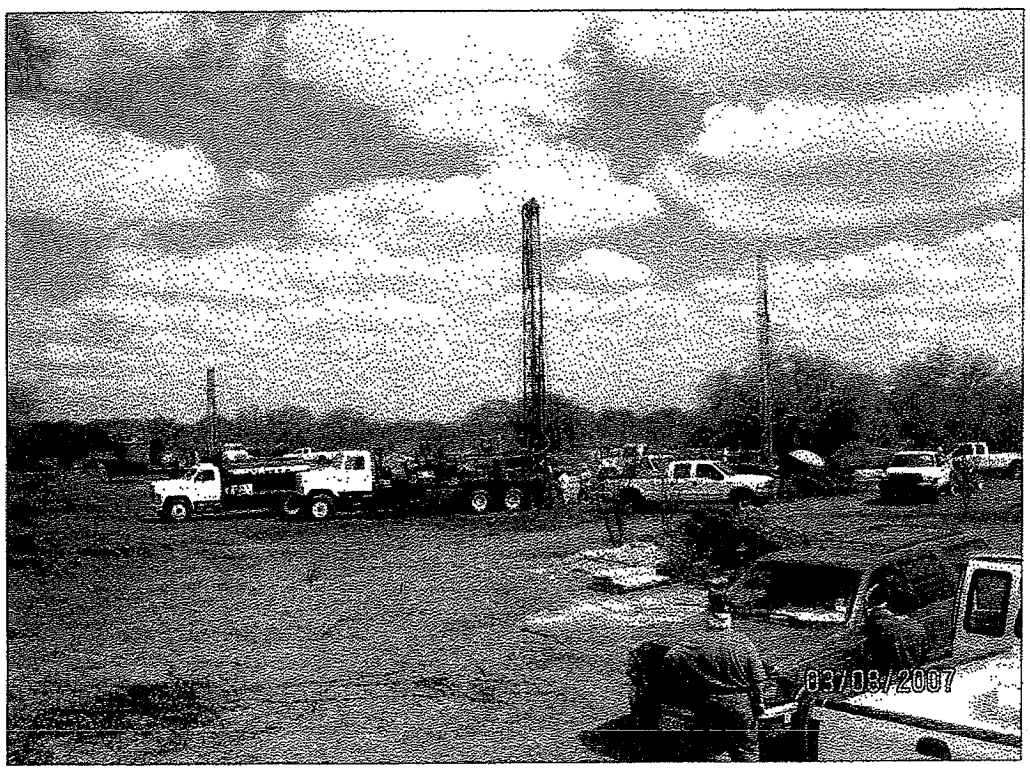

Photo 2: Three of the Four Drill Rigs Active During the Inspection

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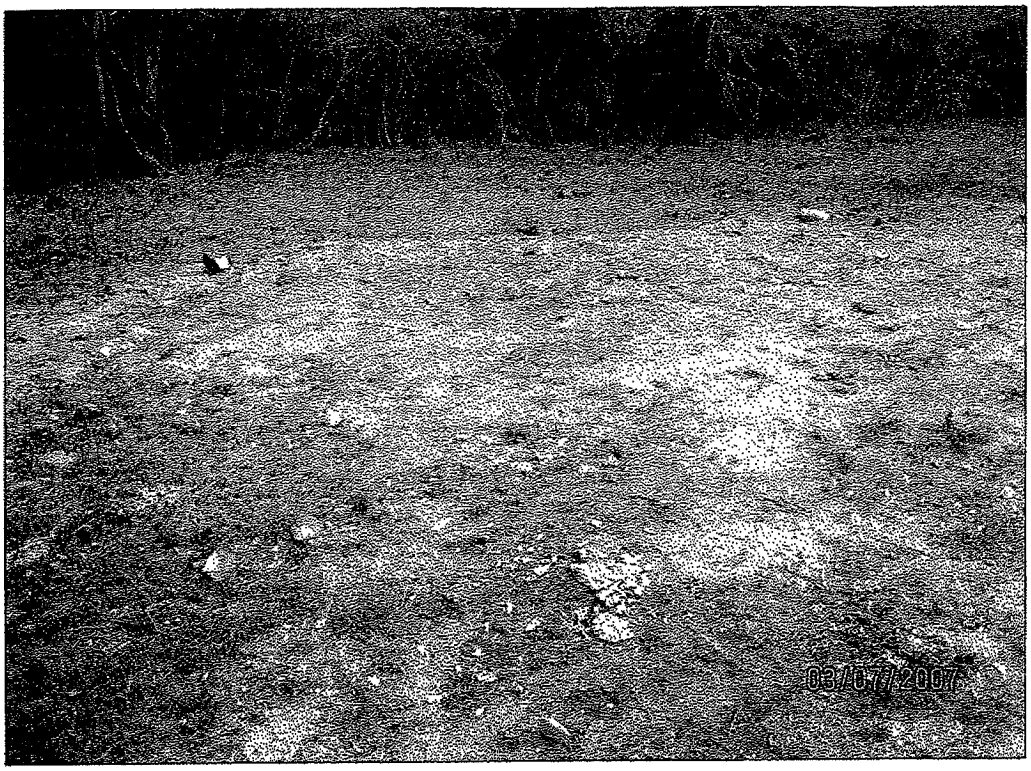
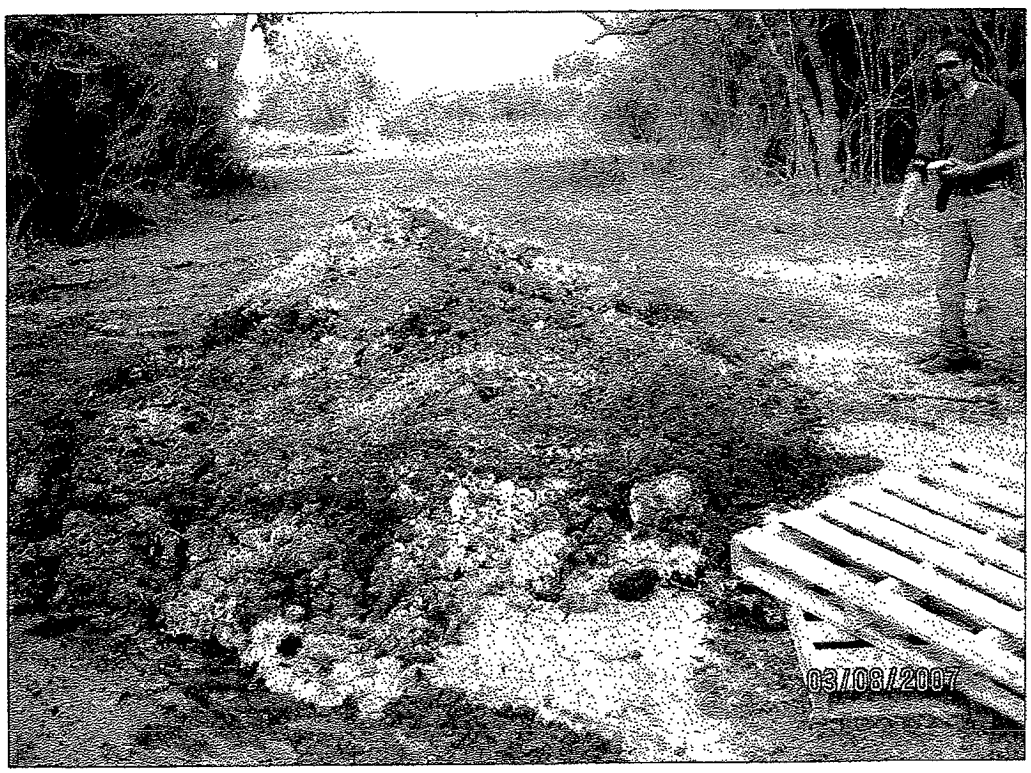
VI. Photographs



Photograph 3: Borehole 32892-84, Grey Subsoil on Surface



Photograph 4: Drilling fluids excursion from mud pit

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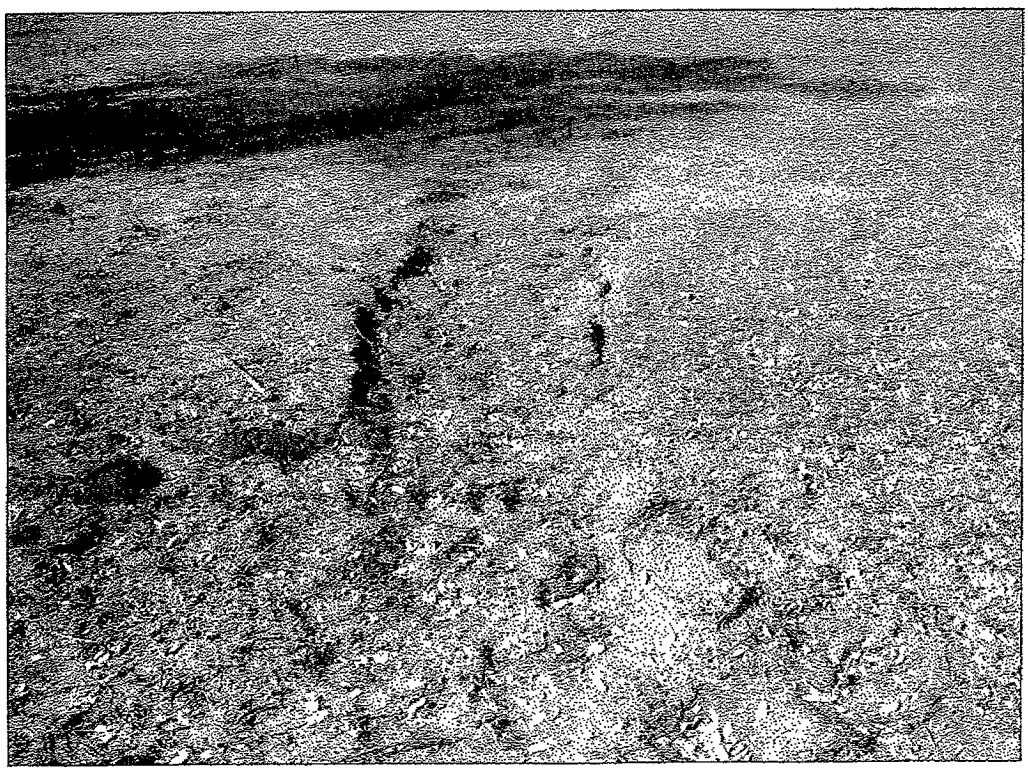
VI. Photographs

Photograph 5: Borehole 32892-84 cuttings from pit on surface



Photograph 6: Borehole 32201-N40 Mud Pit Depression

Mine Name: Weesatch Project
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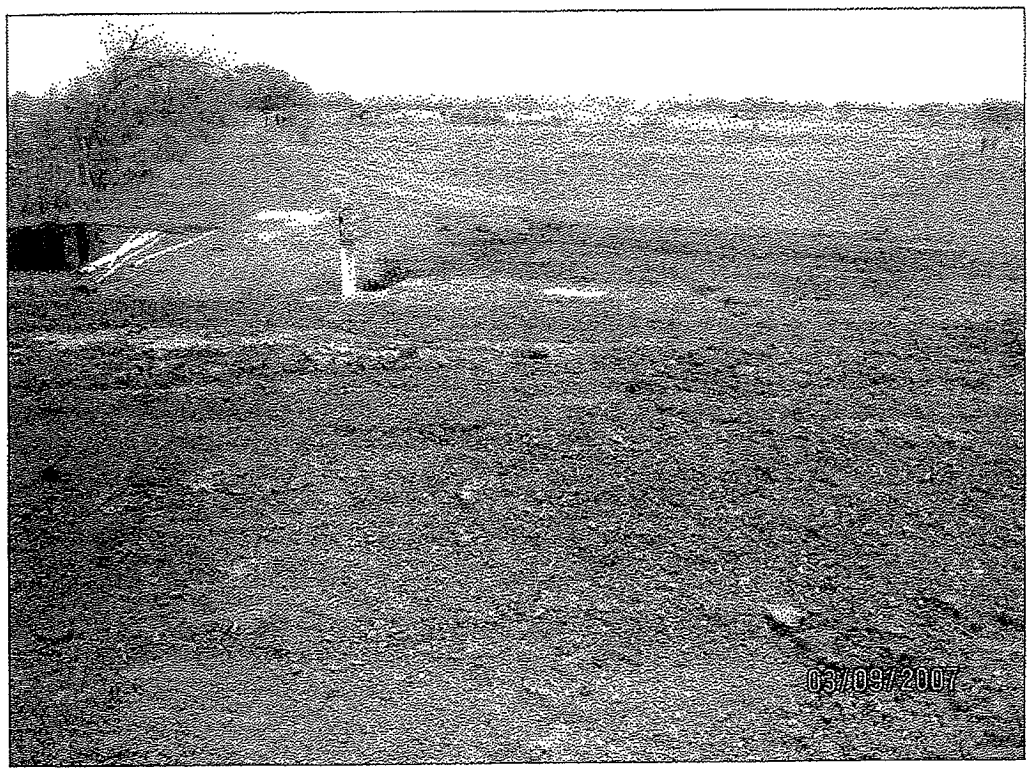
VI. Photographs

Photograph 7: Borehole 32201-N38 No Surface Plug



Photograph 8: Jacobs Water Well Reclamation Site

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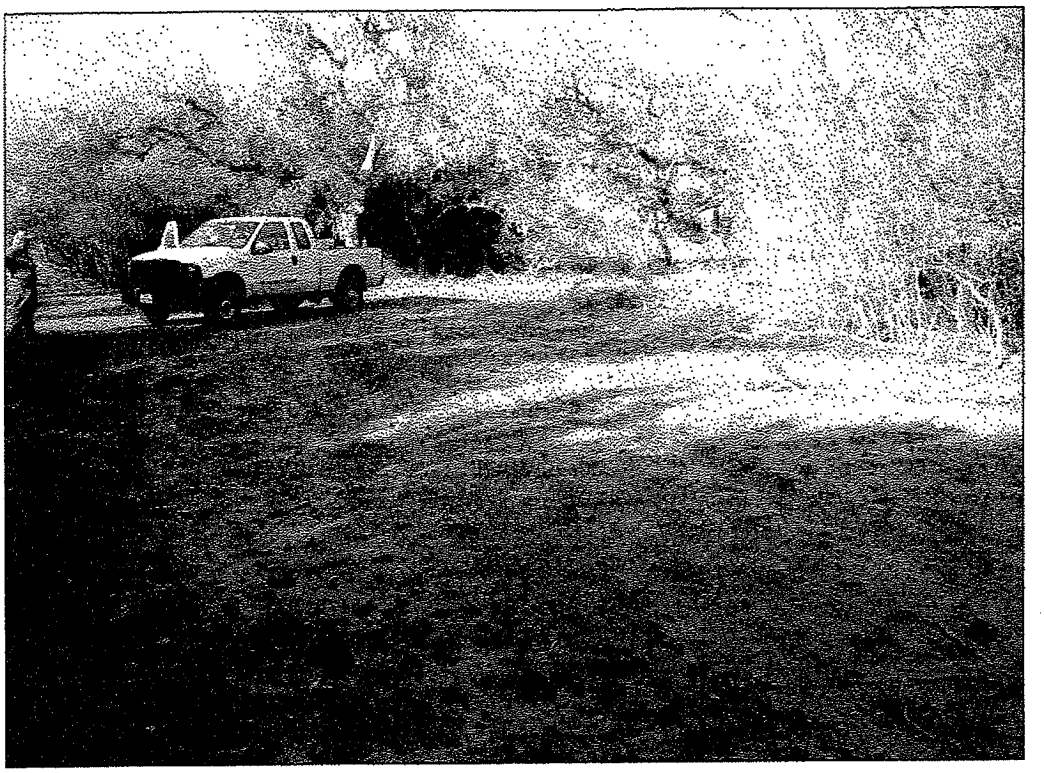
VI. Photographs



Photograph 9: Location 32208-32 Reclamation Site

Uranium Explorati Corporation (UEC) - Weesatch F ct Inspection

March 7-9, 2007

Site #	Mud Pit Reclamation Surface Attributes					Borehole		
	Borehole Cuttings [1]	Driling Mud [1]	Cement [1]	Settling	% of Disturbed Area Topsoiled [2]	Located	Surface Plug	Plug Depth [3]
30892-103	N	N	N	N	0-59	N	-	-
30892-104	N	N	N	N	60-100	N	-	-
30892-101	N	Y	N	N	0-59	N	-	-
30892-102	N	Y	N	N	0-59	N	-	-
30892-102C	N	Y	N	N	0-59	N	-	-
30892-105	N	Y	N	N	0-59	N	-	-
30892-113	N	N	N	N	0-59	N	-	-
30892-114	N	N	N	N	0-59	N	-	-
30892-115	N	N	N	N	0-59	N	-	-
30892-116	N	N	N	N	0-59	N	-	-
30892-117	N	N	N	N	0-59	N	-	-
30892-118	N	N	N	N	0-59	N	-	-
30892-118AC	N	N	N	N	0-59	N	-	-
30892-118C	N	N	N	N	0-59	N	-	-
30892-119	N	N	N	N	0-59	N	-	-
30892-120	N	N	N	N	0-59	N	-	-
30892-120BC	N	N	N	N	0-59	N	-	-
30892-120C	N	N	N	N	0-59	N	-	-
30892-121	N	N	N	N	0-59	N	-	-
30892-83	N	N	N	N	0-59	N	-	-
30892-85	N	N	N	Y	0-59	N	-	-
30892-85AC	N	N	N	N	0-59	N	-	-
30892-85C	N	N	N	N	0-59	N	-	-
30892-86	N	N	N	N	60-100	N	-	-
30892-86C	N	N	N	N	0-59	N	-	-
30892-90	N	N	N	N	60-100	N	-	-
30892-91	N	N	N	N	60-100	N	-	-
30892-92	N	N	N	N	60-100	Y	Y	14"
30892-94	N	N	N	N	60-100	N	-	-
30892-95	N	N	N	N	0-59	Y	Y	8"
30892-97	N	N	Y	N	60-100	Y	Y	18"
30892-98	N	N	N	N	60-100	N	-	-
32201-N37	N	N	Y	Y	0-59	Y	Y	0"
32201-N39	N	N	N	N	50	N	-	-
32201-N52	N	N	N	N	0	N	-	-
32201-N58	N	N	N	N	0	N	-	-
32201-N62	N	N	N	N	0	N	-	-
32202-101	N	N	N	N	60-100	N	-	-
32202-102	N	N	N	N	60-100	N	-	-

Site #	d Pit Reclamation Surface Attributes					Borehole		
	Borehole [1] Cuttings	Driling [1] Mud	Cement [1]	Settling	% of [2] Disturbed Area Topsoiled	Located	Surface Plug	Plug [3] Depth
32202-106	N	N	N	N	60-100	N	-	-
32202-107	N	N	N	N	60-100	N	-	-
32202-108	N	N	N	N	60-100	N	-	-
32202-112	N	N	N	N	50	N	-	-
32202-113	N	N	N	N	60-100	Y	Y	12"
32202-114	N	N	N	N	60-100	N	-	-
32202-115	N	N	N	N	60-100	N	-	-
32202-116	N	N	N	N	0-59	N	-	-
32202-117	N	N	N	Y	0-59	N	-	-
32202-118	N	N	N	N	60-100	Y	Y	12"
32202-120	N	N	N	N	60-100	Y	Y	18"
32202-121	N	N	N	N	60-100	Y	Y	10"
32202-123	N	N	N	N	60-100	N	-	-
32202-124	N	N	N	N	60-100	N	-	-
32202-125	N	N	N	Y	60-100	N	-	-
32202-127	N	N	N	N	60-100	N	-	-
32202-94	N	N	N	N	60-100	N	-	-
32202-95	N	N	N	N	60-100	N	-	-
32202-96	N	N	N	N	60-100	N	-	-
32202-97	N	N	N	N	60-100	N	-	-
32202-98	N	N	N	N	60-100	N	-	-
32202-99	N	N	N	N	0-59	N	-	-
32206-01	N	N	N	N	80	N	-	-
32206-02	N	N	N	Y	0	N	-	-
32206-06	N	N	N	Y	0	N	-	-
32206-07	N	N	N	Y	0	N	-	-
32206-08	N	N	N	N	0	N	-	-
32206-12	N	N	N	N	0	N	-	-
32206-12A	N	N	N	N	60-100	N	-	-
32206-12N	N	N	N	N	0	N	-	-
32206-12S	N	N	N	N	0	N	-	-
32206-18	N	N	N	N	0	N	-	-
32208-30	N	N	N	Y	0	N	-	-
32208-31	N	N	N	N	0	N	-	-
32208-32	N	N	N	N	100	N	-	-
32208-42	N	N	N	N	60-100	N	-	-
32208-43	N	N	N	N	85	N	-	-
32208-46	N	N	N	N	0	N	-	-
JACOBS WW	N	N	N	N	60-100	Y	-	-
P1-07-1-8	N	N	N	N	60-100	N	-	-
P-1-07-3-4	N	N	N	N	60-100	N	-	-
P1-07-4	N	N	N	N	60-100	N	-	-
P1-07-6	N	N	N	N	60-100	N	-	-

Site #	d Pit Reclamation Surface Attributes					Borehole		
	Borehole Cuttings [1]	Driling Mud [1]	Cement [1]	Settling	% of [2] Disturbed Area Topsoiled	Located	Surface Plug	Plug [3] Depth
P1-07-7	N	N	N	N	60-100	N	-	-
30892-84	N	N	N	N	0-59	N	-	-
30892-88	N	Y	N	N	0-59	N	-	-
30892-99	N	Y	Y	N	0-59	N	-	-
30898-21	Y	N	N	N	60	N	-	-
30898-22	Y	N	N	N	90	N	-	-
30898-23	N	N	Y	N	60	N	-	-
30898-24	Y	N	N	N	90	N	-	-
30898-31	Y	N	Y	N	85	N	-	-
30898-32	N	N	Y	Y	95	Y	Y	18"
30898-35	N	Y	Y	N	60	N	-	-
32201-N1	N	Y	N	N	0-59	N	-	-
32201-N10	N	N	N	N	0	N	-	-
32201-N12	N	Y	Y	Y	0	Y	N	-
32201-N2	N	Y	N	N	0-59	Y	N	-
32201-N3	N	Y	N	N	20	Y	N	-
32201-N38	N	Y	N	Y	80	Y	N	-
32201-N40	N	N	N	Y	80	N	-	-
32201-N41	N	N	N	N	80	N	-	-
32201-N5	N	N	N	N	100	N	-	-
32201-N6	N	N	N	N	60	N	-	-
32201-N7	N	Y	N	N	50	N	-	-
32206-03	N	N	N	N	0	N	-	-
32206-09	N	N	Y	N	0	N	-	-
32206-11	N	N	Y	N	60-100	N	-	-
32206-15	N	N	N	N	0	N	-	-
32206-19	Y	N	N	N	0	N	-	-
32206-20	N	N	Y	N	60-100	N	-	-
32206-21	N	N	Y	N	60-100	N	-	-
32208-41	N	Y	N	N	90	N	-	-
32208-44	Y	Y	Y	N	0	N	-	-
32208-45	N	Y	Y	N	0	Y	N	-
P1-07-1-4	Y	N	N	N	0-59	N	-	-
P1-07-2-4	N	N	N	N	60-100	N	-	-
P1-07-8-8	Y	N	Y	N	0-59	N	-	-

Notes:

[1] Material found on surface

[2] % estimates made on first day of inspection were made as a range

[3] Measurement from ground surface to top of plug

N = No; Y = Yes

SMRD-24
(02/07)

RAILROAD COMMISSION OF TEXAS
SURFACE MINING AND RECLAMATION DIVISION

Notice of Violation No.
080A

NOTICE OF VIOLATION

Company: Uranium Energy Corporation (UEC)

Mine Name Weesatch Project Permit No. Exploration Permit No. 123

Type of Mine: ☐ Coal ☒ Uranium ☐ Other

Mailing Address: Suite 230-9801 Anderson Mill Road City Austin Zip 78750

County Goliad Telephone Number: (512) 828-6980

Date of Inspection: March 7-9, 2007

Time of Inspection: FROM: 8:00 A.M. TO: 12:00 A.M.
P.M. P.M.

Description of Violation(s) The permittee failed to complete surface plugging and drill site reclamation as specified in Section IV of Uranium Exploration Permit No. 123. Specifically, the permittee failed to segregate and replace topsoil, and/or properly install a cement surface plug, and/or allow pits to dry before backfilling and/or backfill or compact backfilled materials and topsoil above grade in the reclaimed mud pits to compensate for settling, and/or mark the exact location of each borehole.

Provisions of Regulations, Act or Permit Violated Uranium Exploration Permit No. 123, Section IV, and § 11. 137 and §11.138 of the Texas Uranium Surface Mining Regulations

Area of Operation Affected Uranium Exploration Permit No. 123 Permit Area

Remedial Action Required The permittee shall: 1) Install a concrete surface plug as required in the permit, 2) Mark the exact location of each borehole for verification by the Commission, 3) Remove all drilling mud, cuttings, cement and other debris burying it with no less than one foot of topsoil.

Time for Abatement Thirty Days (April 12, 2007)

NOTICE Issued by _____ Date March 13, 2007

This Notice of Violation directs the party cited to immediately initiate corrective measures, and constitutes a separate Notice of Violation for each violation listed.

I hereby acknowledge receipt of this Violation. (Receipt does not constitute an admission of guilt)

_____ Date _____

(Signature)

_____

(Position)

The Railroad Commission of Texas complies with Federal and State laws applicable to race, religion, national origin, sex, and disability. Information is available upon request by calling (512) 463-7288 or 1-800-735-2989 if special assistance is required

rb

ELIZABETH A. JONES, *CHAIRMAN*
MICHAEL L. WILLIAMS, *COMMISSIONER*
VICTOR G. CARRILLO, *COMMISSIONER*

MELVIN B. HODGKISS, P.E., *DIRECTOR*

RAILROAD COMMISSION OF TEXAS

SURFACE MINING AND RECLAMATION DIVISION

May 9, 2007

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING
RECEIVED
MAY 14 2007
CHIEF CLERKS OFFICE
2008 JAN 28 AM 9:20
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Honorable Harold Gleinser
Goliad County Judge
P.O. Box 677
Goliad, Texas 77963

RE: Uranium Exploration Corporation (UEC)
Weesatche Project, Goliad County
Uranium Exploration Permit No. 123

Dear Judge Gleinser:

Enclosed is a copy of the gamma radiation survey performed by my staff on selected areas within the permit boundary of UEC's Permit No. 123. This survey was conducted to assist our investigation in determining whether exploration sites had been adequately reclaimed with respect to covering or burying drilling mud and cuttings. The survey confirms our previous visual observation and determination that drilling mud/cuttings were left on or near the surface at some drill sites. While some elevated gamma radiation levels were observed, the extent of the readings within the surveyed areas is minimal relative to the land area disturbed by the exploration activities and not sufficient to pose a radiation exposure hazard. Our current enforcement action for this permit will ensure that adequate remediation of the exploration sites occurs to remove drilling mud/cuttings on or near the surface.

Please feel free to give me a call should you have any questions.

Sincerely,

Melvin B. Hodgkiss

Melvin B. Hodgkiss, Director
Surface Mining and Reclamation Division

MBH/ge
Enclosure

✓cc: James Blackburn, Blackburn Carter, P.C. (w/enclosure)

Report

Gamma Radiation Survey of Selected Areas Within Permit Boundary (Uranium Energy Corporation, Permit 123, Weesatche Project)

Prepared by

Jon E. Brandt, P.G.
Soil Scientist, AML Program

Surface Mining and Reclamation Division
Railroad Commission of Texas

May 8, 2007

Gamma Radiation Survey of Selected Areas Within Permit Boundary
(Uranium Energy Corporation Permit 123, Weesatche Project)

Summary

A characterization survey of gamma radiation was conducted to assist in the investigation of a complaint the Railroad Commission of Texas, Surface Mining and Reclamation Division, received from Goliad County (represented by Blackburn & Carter). The characterization survey covered portions of leased properties where Uranium Energy Corporation (UEC) had carried out and completed uranium exploration activities between May 2006 and February 2007. The exploration activities consisted of drilling test holes (boreholes), wire-line logging, and abandonment of test holes. Test hole abandonment was to include reclamation of associated mud pits and plugging of test holes (or casing, for a limited number of holes). The characterization survey objectives were to estimate background (ambient) gamma radiation levels and find out if there were elevated gamma radiation levels (compared to background) associated with the reclaimed mud pits and boreholes. The collected radiation data indicate there are elevated gamma radiation levels related to a relatively small proportion of the surveyed mud pits and boreholes. Radiochemical results from three surface samples taken near and from one of the backfilled mud pits suggest that elevated radiation levels are related to radioactive materials left at or near the surface by the exploration activities. The extent of elevated gamma radiation levels within the surveyed areas was minimal, relative to the land area disturbed by the exploration activities, and not sufficient to pose a radiation exposure hazard; however, ingestion of the radioactive materials (including inhalation of airborne dust) from this limited number of mud pits should be avoided. A follow-up radiation survey is recommended for the mud pit/borehole areas with elevated gamma radiation levels, after those areas have been mitigated by UEC (remedial action required by Notice of Violation No. 080A, issued on March 13, 2007).

Background Information

County Concerns

Blackburn & Carter sent the Surface Mining and Reclamation Division a letter on February 5, 2007, on behalf of Goliad County, expressing concerns with UEC's exploration activities as follows:

- Compliance with the terms and conditions of the exploration permit , the county claims that there are reports of UEC possibly leaving drilling mud and cuttings on the surface, and
- Potential ground water contamination from exploration activity.

This report addresses the County's first concern, regarding reclamation of mud pits and the possibility that drilling mud and cuttings may have been left on the ground surface.

Exploration Permit – Mud Pit Reclamation

Uranium Energy Corporation applied for a permit to conduct uranium exploration activities (application dated January 24, 2006). The permit was approved and assigned Exploration Permit No. 123. This mud pit reclamation information, required by the Uranium Mining Regulations, was included in the permit application:

- Each test hole would have a mud pit. Mud pits would be allowed to dry after drilling, backfilled with compacted soil materials (left above grade to compensate for settling of materials), and covered with the topsoil that was segregated and saved during mud pit excavation.
- No toxic material would be allowed on site – UEC anticipated that no radioactive material exceeding ambient levels would be encountered.

This radiation characterization survey was designed to evaluate UEC's compliance with its mud pit reclamation plan, as detailed in the exploration permit application.

Permit Location

The exploration permit covers approximately 10,700 acres in north Goliad County. The northern permit boundary is Fifteenmile Creek (which is also the county line). The characterization radiation survey covered portions of ten leases, involving six landowners. Total acreage for the ten leases is roughly 1,200 acres.

Gamma Radiation Characterization Survey Methods

General Design of Survey

There are three types of radiation associated with uranium deposits/ore bodies – alpha, beta, and gamma. We chose to measure gamma radiation since there is a rough correlation between it and the radium content found in an area (radium is naturally-occurring and produced by decaying uranium and thorium; U.S. EPA, 2007). Unfortunately, it is difficult to accurately predict the radium content of disturbed surface materials, since the measurement is affected by the kind of radiation detector being used and either of the following conditions may exist (individually or combined to some degree): gamma radiation may be coming from material below the surface; there may be highly radioactive material contained in a small area; or there is slightly radioactive material contained in a large area. A definitive conclusion cannot be made unless the materials are sampled and analyzed. It is important to note that there is measurable gamma radiation everywhere, since varying levels of cosmic radiation and naturally occurring radiation are encountered worldwide.

Our main objective was to survey the areas affected by exploration activities and the surrounding undisturbed ground. It was easy to identify the affected areas since little volunteer vegetation had become established over the backfilled mud pits and the surfaces of most of the mud pits were comprised of a combination of light-colored excavated subsoil (and possibly drilling muds and/or cuttings that were left on the surface; see Figure 1).

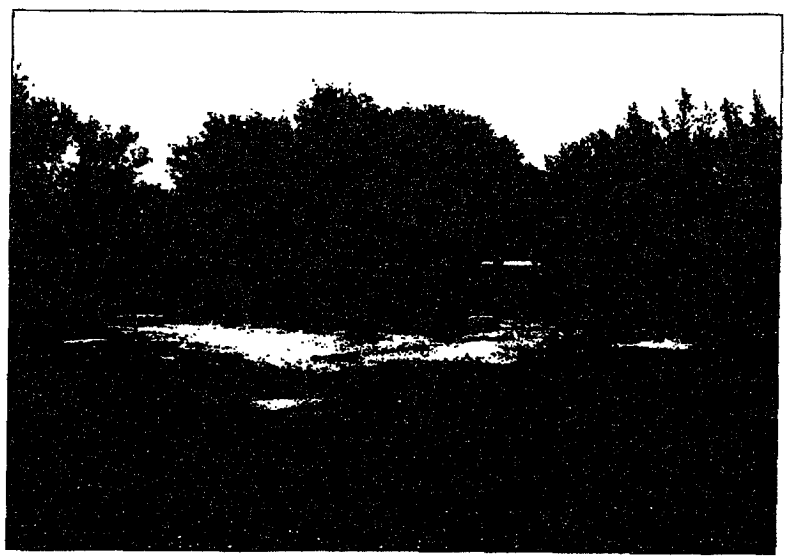


Figure 1. Backfilled mud pit area on Abrameit property.

I walked over portions of the leased properties, stopping to record gamma radiation measurements at regular intervals or when the meter readings changed. On average, I took a radiation measurement every 75 to 100 feet in the apparently undisturbed areas. I also walked up to 400 feet away from the boreholes in order to record the background or "ambient" gamma radiation levels. Radiation measurements were taken every 2 to 25 feet or more when I was walking over backfilled mud pits or areas where the radiation levels fluctuated. Measurements were taken at 1 meter above the ground surface. The measurement period at each point lasted an average of 20 seconds; however, it would take longer if the meter needle was oscillating slightly. All measurement locations and meter readings were recorded with global positioning system (GPS) equipment.

Equipment Used

- Ludlum 12S MicroR meter (1"X1" sodium iodide scintillator); measures gamma radiation; calibrated on February 13, 2007.
- Trimble ProXRS GPS Receiver with TSC1 data collector, using satellite corrections to provide differential GPS (DGPS) capabilities and sub-meter accuracy.

Survey Details

- Gamma radiation observations were made on March 7th, 8th, and 9th, 2007.
- The radiation survey was limited to any of the 202 borehole and associated mud pit locations that were provided to the Surface Mining and Reclamation Division by UEC. These were the boreholes that had been drilled between May 2006 and February 2007.
- Due to time limitations, I was not able to survey all of the boreholes; however, I was able to obtain measurements for the mud pits and surrounding, undisturbed areas, for approximately 132 boreholes (65% of boreholes). The leased properties that had the highest density of boreholes were surveyed more intensively.

Material Sampling

At the beginning of the last day of the survey (March 9, 2007) I selected the mud pit where I had encountered the highest gamma radiation levels during the first two days of the survey. It turned out that I didn't find higher radiation levels at any of subsequent mud pits I surveyed later that day, so the materials within that mud pit were emitting the highest gamma radiation levels encountered during the entire survey. The disturbed area (previously shown in Figure 1) was located on the Abrameit property and associated with borehole 30892-85c and/or 30892-85AC. I obtained elevated gamma radiation readings around much of the light-colored, backfilled mud pit surface (8 – 11 micro-R/hr at 1-meter height and up to 24 micro-Roentgens/hour (micro-R/hr) on the ground, with detector on surface, pointed down).

- The mud pit surface was sampled following a procedure that is based on ***25 TEXAS ADMIN. CODE §289.202(eee)(4)*** - *Standards for Protection Against Radiation from Radioactive Material; Texas Regulations for Control of Radiation* - where the radium-226 or radium-228 content in unrestricted areas, averaged over any 100 m^2, cannot be exceeded by more than 5 pCi/gm (picoCuries/gram), averaged over the first 15 cm (approximately 6 inches) of soil, over the background level (Texas Department of State Health Services, 2007).
    - Flagged off close to a 100 square meter area with a metal tape measure, with the area centered on the highest surface gamma radiation reading (see Figure 2).
    - Took subsamples within that area, which were composited and mixed in one bag – one subsample was taken near each corner and one at the center (total of five subsamples), using a ½-inch diameter JMC Backsaver soil probe, retrieving only the top 6 inches of material. The field-measured surface gamma radiation levels from each of the subsample locations were 24, 8, 12, 14, and 8 micro-R/hr.

- Actual sampling area was 97 m^2, as measured with the GPS; the sample ID was UEC030907B. The sampled materials were a mix of light-colored subsoil, some surface soil materials, and drilling mud/cuttings.

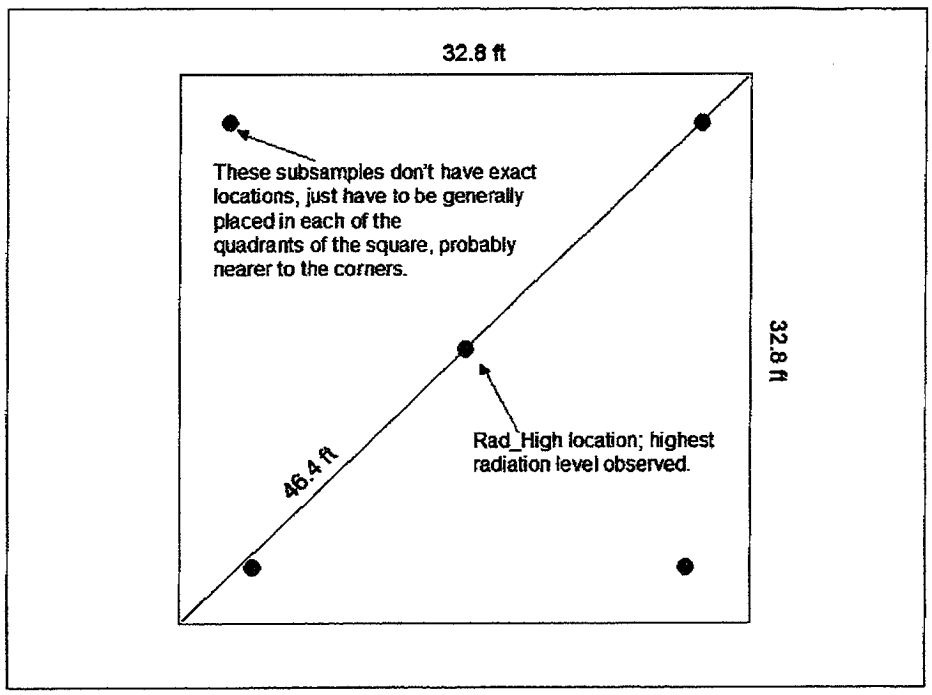


Figure 2. General sampling scheme (32.8 ft X 32.8 ft is close to 100 m^2).

- A nearby, apparently undisturbed, area (60 feet away from the previous mud pit sampling area) was also sampled in a similar fashion, to serve as a comparison and represent the background (ambient) radionuclide content:
  - Took 5 subsamples, composited and mixed in one bag, using a ½-inch diameter JMC Backsaver soil probe, retrieving only the top 6 inches of material.
  - The surface gamma radiation level for all of the subsample locations was 6 micro-R/hr.
  - Actual sampling area was 60 m^2, as measured with the GPS; the sample ID was UEC030907A. The sampled material was the surface horizon of the native soil.
- A third composite sample was taken within the mud pit area, where all of the material in the sample was comprised of the surface materials within a small area of the backfilled mud pit that exhibited the highest radiation levels encountered during the entire radiation survey.
  - Took 5 subsamples, all within a 0.5 square-foot area, composited and mixed in one bag, using a ½-inch diameter JMC Backsaver soil probe, and retrieving only the top 6 inches of material.
  - The surface gamma radiation level for all of the subsample locations was 24 micro-R/hr.
  - Sampling area was approximately 0.5 square feet, as determined with a metal tape measure; the sample ID was UEC030907C. The sampled material was entirely comprised of a mix of light-colored subsoil and possibly drilling mud/cuttings.

The three composite samples were sent to the Environmental Sciences Branch of the Department of State Health Services (DSHS) for radiochemical analysis. Gamma spectroscopy (method EPA 901.1) was performed on whole samples. Subsamples from each sample underwent alpha spectroscopy (U.S. DOE Actinide Separation) and radium determination by radon emanation (EPA 903.1) following total digestion/pyrosulfate fusion. We received a hard copy of the radiochemistry results on May 1, 2007.

Gamma Radiation Characterization Survey Results

All of the point data collected during the radiation survey were downloaded from the GPS and added to a GIS (geographic information system) map. The data were also evaluated with a statistical software package. The results from the sample analyses were not evaluated statistically, as these was only a single composite sample from each sampled area.

Gamma Survey Results

- 1,058 gamma radiation observations were collected (see Figure 3).

- I created a buffer distance around the boreholes with the GIS to partition the radiation observations. Data were classified as background (ambient) radiation measurements if they were further than a threshold distance from any recent exploration disturbances; specifically, at least 82 feet away from boreholes or surface disturbance related to exploration. Eighty-two feet was chosen because it was the maximum distance of mud pit-related materials from a borehole (based on GPS coordinates) for several of the backfilled mud pit areas that were measured in the field (limited to 5 mud pits because of time constraints). Radiation measurement points also had to be at least 20 feet away from any other mud pit materials left on the surface to be classified as background (ambient) data.

- 281 observations were taken in areas that appeared to not be impacted by UEC exploration activities and were used to estimate the background (ambient) gamma radiation range. The other 777 observations were taken within 82 feet of boreholes or 20 feet from mud pit-related surface disturbances.

- The background (ambient) gamma radiation estimate ranged from 4 to 7 micro-R/hr at a 1-meter height, with 88% of the observations recorded as 5 or 6 micro-R/hr.

- The gamma radiation associated with boreholes and mud pit disturbance areas ranged from 4 to 11 micro-R/hr. All of the radiation observations above 7 micro-R/hr were recorded within the selected distances from boreholes and mud pit disturbances; however, only a small proportion (22 of 132, or 17%) of the surveyed boreholes/mud pits exhibited the higher radiation levels (see Figure 4 and Table 1).

- The gamma radiation data had non-normal distributions. Therefore, a non-parametric statistical analysis (Kolmogorov-Smirnov test) was performed. It showed that a significant difference exists between the distributions for data classified as representing background (ambient) radiation and data representing areas affected by the exploration activities, at a 95% confidence level (histograms included in Figure 5 to show the distribution differences). The relatively higher radiation levels that are associated with some of the current exploration activities may be due to varying amounts of drilling mud/cuttings that were left near or on the surface.

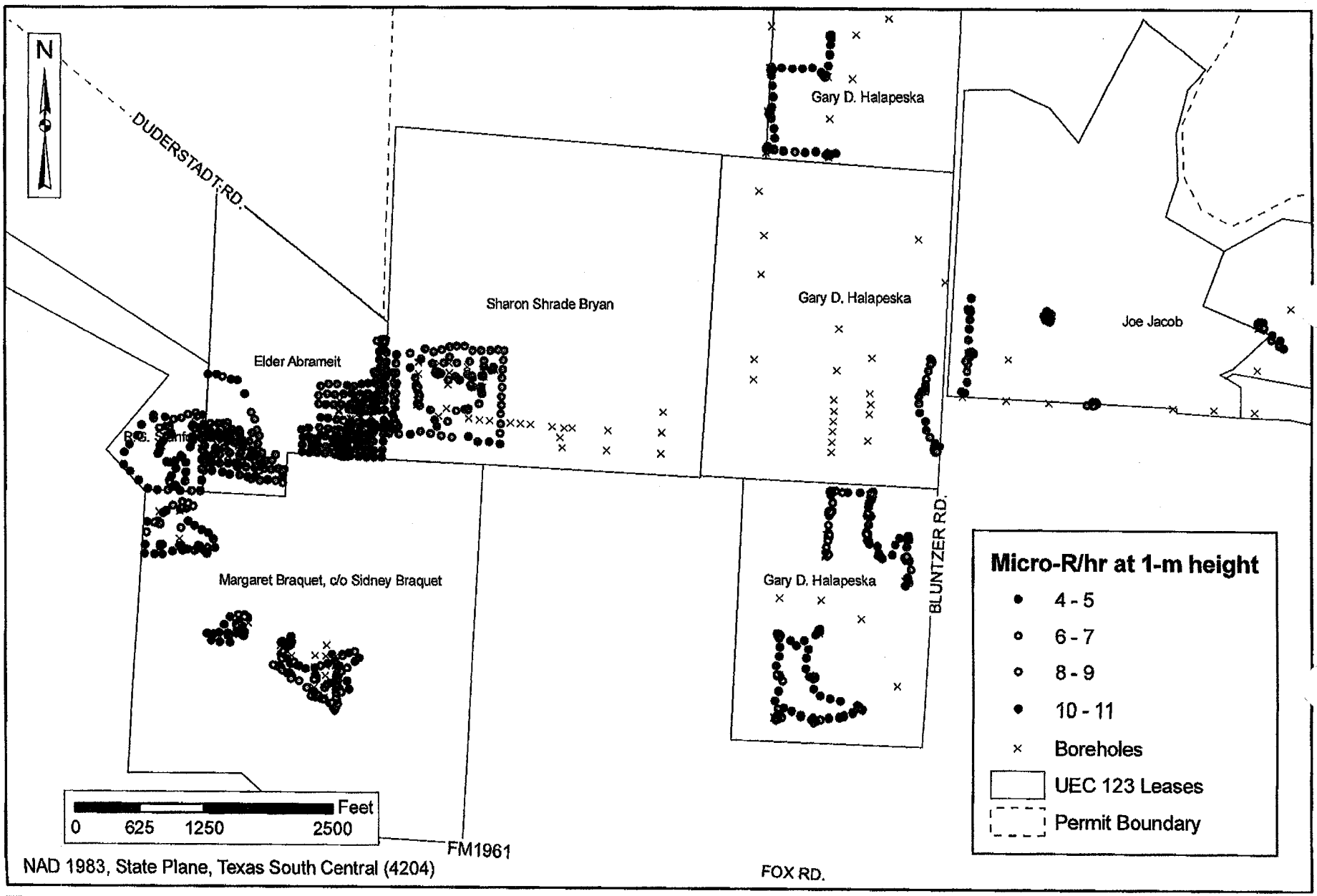


Figure 3. Gamma Radiation Survey of Selected Areas
(Uranium Energy Corporation Permit 123, Weesatche Project)

Railroad Commission of Texas
Surface Mining and Reclamation Division

DIV_POOL\UEC_123\GIS_Files\
UEC_123_RadiationSurvey.mxd

Jon Brandt, P.G. (AML Soil Scientist)
May 8, 2007

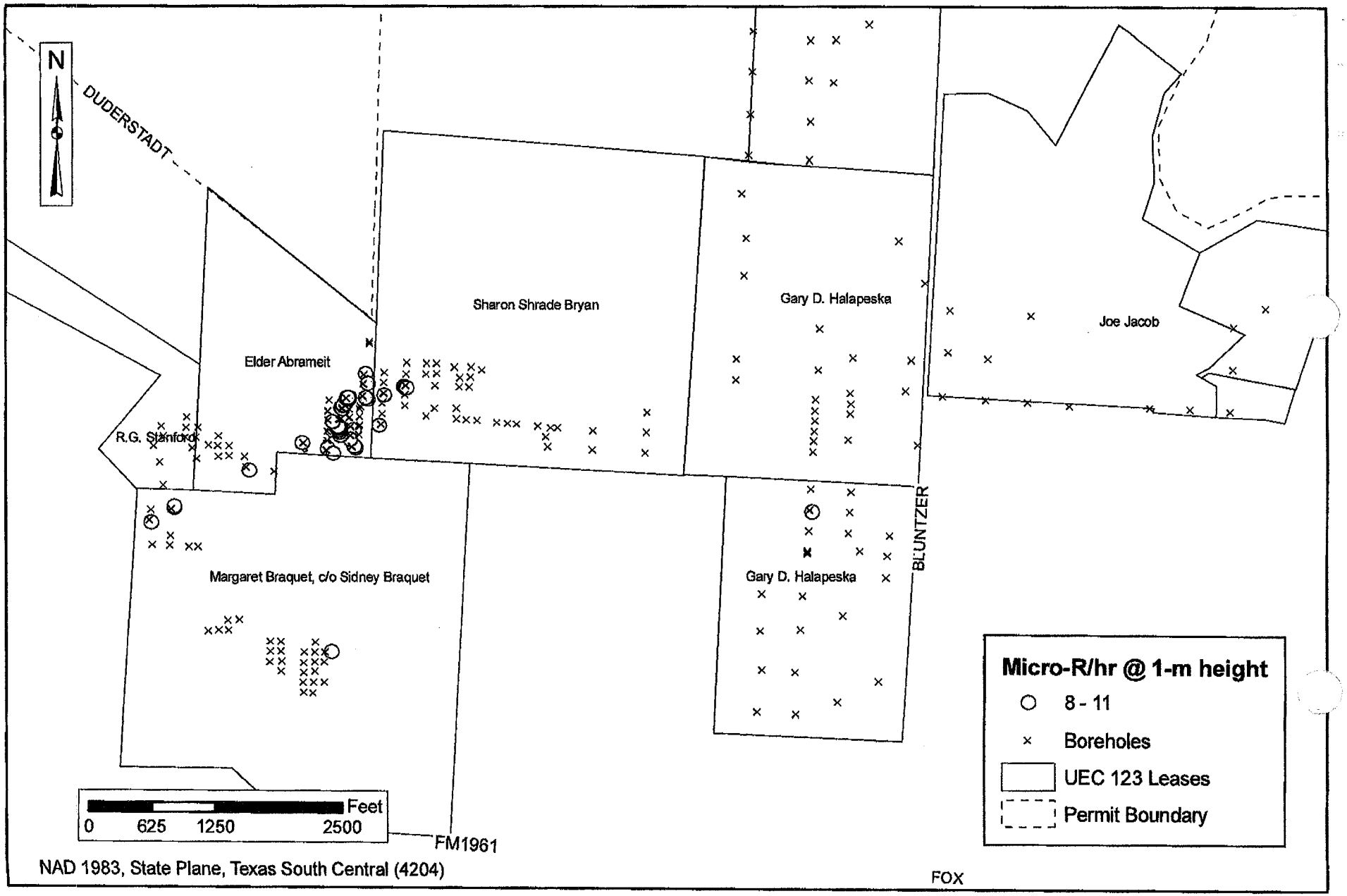


Figure 4. Gamma Radiation Above 7 micro-R/hr
(Uranium Energy Corporation Permit 123, Weesatche Project)

Railroad Commission of Texas
Surface Mining and Reclamation Division

DIV_POOL\UEC_123\Field_Data\Data_Analysis\
UEC_123_Radiation_Above7.mxd

Jon Brandt, P.G. (AML Soil Scientist)
May 8, 2007

Table 1. 22 boreholes where elevated gamma radiation levels were observed.

Date Drilled	Borehole Location	Borehole Depth, feet	Driller
5/18/2006	30892-85c	140	Triple C
5/24/2006	30892-86c	410	Triple C
7/18/2006	32206-11	420	Klufa
10/27/2006	30892-98	360	Quick Mud
10/31/2006	30892-99	290	Quick Mud
10/31/2006	30892-103	450	Quick Mud
11/1/2006	30892-117	430	MHC
11/2/2006	30892-112	430	Quick Mud
11/3/2006	30892-116	430	MHC
11/6/2006	30892-113	430	Quick Mud
11/6/2006	30892-115	430	Quick Mud
11/6/2006	30892-106	420	MHC
11/7/2006	30892-114	430	MHC
11/7/2006	32202-96	420	MHC
11/15/2006	32202-117	430	Quick Mud
11/15/2006	32202-99	440	MHC
12/8/2006	RBLA-3	135	MHC
12/12/2006	32201-N2	400	Quick Mud
12/13/2006	RBLD-5	325	MHC
12/15/2006	32201-N5	400	Quick Mud
1/11/2007	30892-85AC	150	MHC
2/6/2007	32201-N70	320	Quick Mud

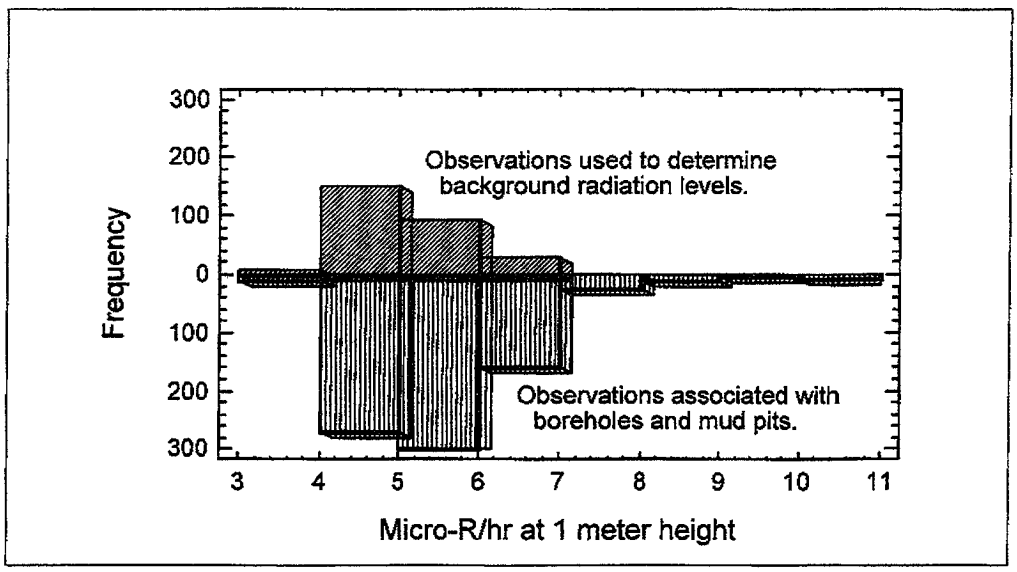


Figure 5. Comparison of gamma radiation distributions.

Table 2. Summary of radiochemical analyses for 3 samples, analyzed by DSHS.

Analytical Parameters	Radionuclide Activities and Associated Uncertainties, reported in pCi/gm		
	Sample UEC030907A	Sample UEC030907B	Sample UEC030907C
	Background (Surface 6 μR/hr)	*Mixed Mud Pit Materials (Surface 8-24 μR/hr)*	*Drilling Mud/Cuttings (Surface 24 μR/hr)*
Ra-226 †	0.6 ± 0.2	3.9 ± 0.3	18 ± 1
Alpha Spectroscopy			
U-234	< 1.0	3.9 ± 0.2	17 ± 1
U-235	< 1.0	< 1.0	< 1.0
U-238	< 1.0	3.8 ± 0.2	17 ± 1
Total Uranium	< 2.0	8.0 ± 0.4	35 ± 1
Gamma Spectroscopy			
K-40	8.8 ± 0.3	6.5 ± 0.9	7.2 ± 0.9
Pb-212	0.8 ± 0.2	0.5 ± 0.1	- -
Bi-214	- -	2.9 ± 0.2	12 ± 1
Pb-214	- -	3.2 ± 0.2	11 ± 1
Ra-226	<2.8	8.5 ± 1.0	35 ± 3
U-238	<1.8	4.0 ± 0.6	15 ± 1

† Method EPA 903.1

Sampling Results

The composite sample representing native soil and the undisturbed, background (ambient) radiation levels, had radionuclide contents below the detection limits of gamma and alpha spectroscopy. The radium-226 content was 0.6 ± 0.2 pCi/gm (Table 2).

- The composite sample representing a single backfilled mud pit, comprised of mixed light-colored materials, had radionuclide contents above the detection levels of the analytical methods (except for U-235). The Ra-226 content was 5.5 times higher than the native soil sample; even so, it was not enough to exceed the regulatory threshold of 5 pCi/gm over background, averaged over a 100 m^2 area and averaged over the first 6 inches of soil below the surface (Texas Department of State Health Services, 2007).

- The composite sample obtained from the small area producing the highest gamma radiation levels (mixed subsoil/drilling mud that may potentially contain cuttings material) had radionuclide contents that were above the method detection levels (except for U-235). The Ra-226 content was 29 times higher than the native soil. This indicates there is a very high probability that drilling mud/cuttings were left on/near the surface at this location.

Conclusions and Recommendations

- Background (ambient) gamma radiation levels within the surveyed areas ranged between 4 and 7 micro-R/hr at 1 meter height.

- Gamma radiation levels higher than 7 micro-R/hr indicate radioactive materials may have been brought to the surface or are buried close to the surface.

- Results from samples taken in one area with elevated gamma radiation levels strongly suggest that radioactive materials were associated with the higher radiation observations and imply that radioactive drilling muds/cuttings were very likely left on and/or near the surface at a limited number of mud pits.

- The extent of elevated gamma radiation levels within the surveyed areas is minimal, relative to the land area disturbed by the exploration activities, and not sufficient to pose a radiation exposure hazard.

- The inclusion of alpha/beta radiation measurements in future radiation surveys is warranted, since elevated levels of alpha/beta radiation can also help identify where uranium ore materials have been left on the surface.

- It is unlikely that the relatively elevated radiation levels associated with some mud pits, or the radionuclide concentrations in drilling mud/cuttings that may have been left on the surface, present a radiological risk; however, ingestion of those radioactive materials (including inhalation of airborne dust) from this limited number of mud pits should be avoided.

- A follow-up radiation survey is recommended for the mud pit/borehole areas with elevated gamma radiation levels after those areas have been mitigated by UEC (remedial action required by Notice of Violation No. 080A, issued on March 13, 2007).

References

Texas Department of State Health Services (DSHS). 2007. Radiation Control Program. (http://www.dshs.state.tx.us/radiation/pdffiles/202-afn_3_06.pdf). Accessed on May 2, 2007.

U.S. Environmental Protection Agency (EPA). 2007. Radium. Available at (http://www.epa.gov/radiation/radionuclides/radium.htm). Accessed on May 2, 2007.

Raymond V. Carter, Jr.
601 W. Goodwin Ave.
Victoria, Tx 77501
361-580-1000

July 22, 2008

LIC
59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 25 PM 2:46
CHIEF CLERKS OFFICE

Office of the Chief Clerk
MC 105
Texas Commission on Environmental Quality (TCEQ)
P.O. Box 13087
Austin, Tx 78711-3087

OPA
JUL 28 2008
BY BP

Dear Sir:

I am a life long citizen of the DeWitt, Goliad and Victoria County area. I own property and minerals near the Uranium Energy Corp's site mining operation, but in Victoria County. Their permit number is UR03075 and operation is located in Goliad County.

I also own property with surface rights only with a water well that I drink from. It would not bother me to drink water from this well if there was a site mining operation near by. I believe that the Uranium Energy Corp would operate such a facility in a responsible and

MW

safe manner. These folks have demonstrated to me that they would operate safely and ~~in~~ and beyond EPA rules and regulations.

Many people in this area feel the way I do, but some others who are using scare tactics and are very misinformed say that I do not have a right to develope my mineral interest. Well I do!

Well, I encourage you to support and approve the proposed mining of uranium (Permit # UR03075). I want my minerals developed and I want our good old USA independent of foriegn oil and uranium imports.

I know you will make the correct decision in this matter. We need good, educated, and well informed help. I Thank you.

Sincerely Yours

Raymond V. Canton, Jr.

January 30, 2008

UIC
59943

OPA
FEB 01 2008
BY EB

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 FEB -1 AM 10: 00
CHIEF CLERKS OFFICE

Gregory C. Chapman
5906 Fenway Drive
Corpus Christi, Texas 78413

UR03075

TEXAS COMMISSION ON
ENVIROMENTAL QUALITY
Office of the Chief Clerk, MC 105
P. O. Box 13087
Austin, Texas 78711

Dear Sir/Madam:

Re: Questions in regards to pending production permit for UEC in Goliad Co., Texas

I am a land owner of a 116.00 ac. ranch lying west of FM 1961 in northern Goliad Co.

I attended the meeting on 1-24-2008, and filled out a sheet indicating that I would be submitting questions I have concerning this pending permit.

1) According the water district, the UEC has two permit areas #127, and #123 pending. My land lies between these two areas, north of FM 1961. My first question is: If the permit is granted is UEC granted authority ONLY to explore and produce uranium within the two specified areas, or can it jump out of these areas and lease land not within the defined permit areas? (See Map)
2) On land UEC mines, how many water wells per acre are they allowed to drill?
3) On land UEC mines, what diameter pipe is used for the wells, and how many inches or feet does the water well pipes extend from the surface?
4) Does the UEC leave pipes sticking out of the ground after the mining is over?
5) How long does UEC propose leaving water wells pipes extending into the air?
6) If numerous water well pipes extend out of the ground, how can the surface owner mow and take care of the land if there are so many above surface pipes above the surface?
7) Can the UEC mine on land that is low, and may be considered a wet-land?
8) If the TCEQ grants a permit for mining, and waste disposal, can it guarantee no ground water contamination or surface or ecological damage to the land? And if so, by its approval of mining operations, that may damage the environment; does it agree that this agency can be sued in a court of law, for damages, for approving the permit?
9) Does the TCEQ have any definitive scientific evidence or studies that can substantiate that mining for uranium in-situ is safe to the environment and underground water aquifers and if so, please send me a copy or copies of such evidence. If the agency does not such a study or studies, please indicate so.

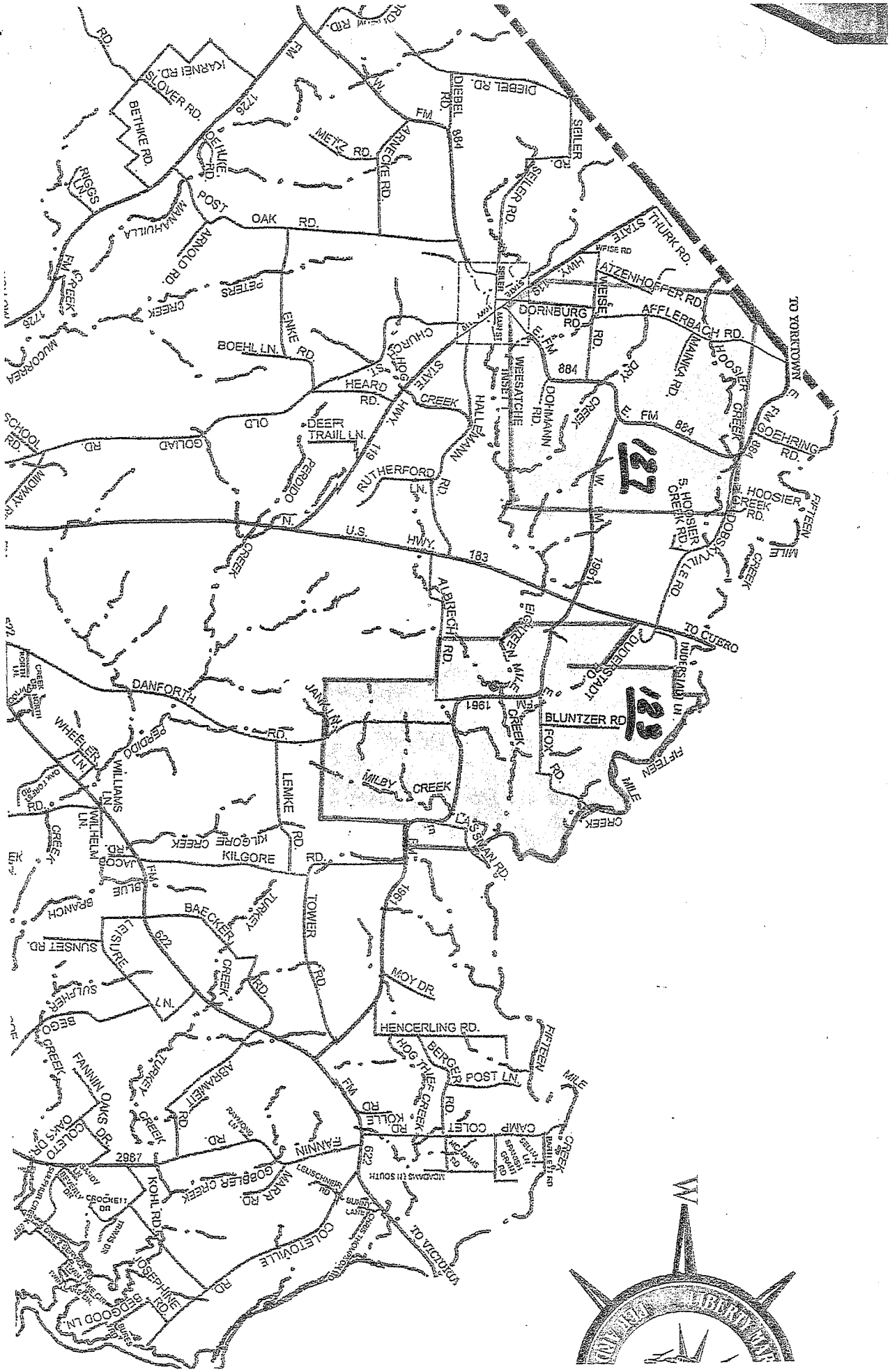
mw

I would appreciate my written questions and comments be made part of the official record pursuant to public comments as they related to the 1-24-2008 meeting, and an answer is expected.

Thank you.

Sincerely,

Gregory C. Chapman
Enclosure



127
123
TO YORKTOWN
TO CUERO
TO VICTORIA
DIEBEL RD.
SEILER RD.
METZ RD.
ARNECKE RD.
POST OAK RD.
ARNOLD RD.
PETERS CREEK
ENKE RD.
BOEHL LN.
HEARD RD.
CHURCH ST.
HOG CREEK
STATE HWY. 119
DEER TRAIL LN.
RUTHERFORD LN.
HALLEMANN RD.
WEESATCHE INSET
DOHMANN RD.
DORNBURG RD.
AFFLERBACH RD.
HOOSIER CREEK
GOEHRING RD.
N. HOOSIER CREEK RD.
S. HOOSIER CREEK RD.
DOBSKYVILLE RD.
FIFTEEN MILE CREEK
DUDERSTADT RD.
BLUNTZER RD.
FOX RD.
MILBY CREEK
LASSMAN RD.
ALBRECHT RD.
EIGHTEEN MILE CREEK
U.S. HWY. 183
DANFORTH RD.
JANK LN.
LEMKE RD.
KILGORE RD.
KILGORE CREEK
BAECKER RD.
TOWER RD.
MOY DR.
HENCERLING RD.
BERGER RD.
POST LN.
HOG THIEF CREEK
KOLLE RD.
CAMP COLET RD.
FANNIN RD.
GOBBLER CREEK
MARR RD.
COLETOVILLE RD.
JOSEPHINE RD.
BEDGOOD LN.
KOHL RD.
FANNIN OAKS DR.
COLETO OAKS DR.
SUNSET RD.
LEISURE LN.
BLUE BRANCH
WILLIAMS LN.
WHEELER LN.
WILHELM LN.
JACOB RD.
PERDIDO
MANAHUILLA
RIGGS LN.
BETHKE RD.
SLOVER RD.
KARNEI RD.
MUCORREA
SCHOOL RD.
MIDWAY RD.
GOLIAD RD.
OLD
1726
884
1961
622
2987

TCEQ Public Meeting Form

Thursday, January 24, 2008

25

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 24
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: LORETTA VAN COPPENOLLE

Address: 14115 OAKLAND MILLS

City/State: SAN ANTONIO, TX **Zip:** 78231

Phone: (210) 492-4620

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☑ **Yes** ☐ **No**

If yes, which one? ALAMO GROUP OF THE SIERRA CLUB (SAN ANTONIO)

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

TCEQ Public Meeting Form

Thursday, January 24, 2008

27

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 24
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: Lara Cushing

Address: PO Box 830706

City/State: San Antonio **Zip:** 78283

Phone: (210) 299-2666

☒ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☒ **Yes** ☐ **No**

If yes, which one? Southwest Workers Union

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☒ **I wish to provide formal oral comments.**

☒ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at <u>any time</u> during the meeting)

No written

Please give this to the person at the information table. Thank you.

MW

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
P.O. Box 562, Goliad, Texas 77963-0562
Telephone: (361) 645-1716 Facsimile: (361) 645-1772
www.goliadcogcd.org

UIC
50943

Board of Directors:
President – Art Dohmann
Vice-President – Joe Kozielski
Secretary/Treasurer – Barbara Smith
Directors – Wesley Ball, John Dreier, John B. Duke, Raulie Irwin

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 25 PM 2: 39
CHIEF CLERKS OFFICE

July 9, 2008

OPA
JUL 28 2008
BY BP

Ms. LaDonna Castaneula
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: Uranium Energy Corporation Mining Permit Application UR03075

Dear Ms. Castaneula:

The Goliad County Groundwater Conservation District (GCGCD) was enabled by HB 3651 and was approved at a confirmation election by the voting residents of Goliad County. The District is a governmental agency and a body politic and corporate. The District has all the rights, powers, privileges, authority, functions, and duties provided by the general law of the State of Texas applicable to groundwater conservation districts created under Section 59, Article XVI Texas Constitution. Enabling Act HB 3651 prevails over any provision of general law that is in conflict with or inconsistent with this Act. GCGCD recognizes its duty under this Act to protect the quality and quantity of the Gulf Coast Aquifer water supplies that underlie Goliad County for the maintainability and sustainability of the Goliad County economy and quality of life of its residents.

The seven-member Board of the Goliad County Groundwater Conservation District has grave concerns about the ability to safely conduct in situ uranium mining in Goliad County under proposed permit number UR03075. A number of concerns have previously been conveyed to TCEQ via attached correspondence dated November 5, 2007, December 3, 2007, January 24, 2008, and February 27, 2008. This letter is to issue again those concerns and to provide additional comment that has developed during the technical review of the application.

These comments refer to the response by UEC dated January 30, 2008 to the TCEQ Notice of Deficiency #1 dated January 7, 2008

Item #2

UEC notes that underground and surface mining is not feasible from an economic standpoint. Because of the high potential contamination of a drinking water aquifer and the significant depletion of groundwater supplies, GCGCD contends that ISL uranium mining proposed in permit application UR03075 is not feasible.

MW

Under the section "Public Health and Welfare", UEC discusses protection measures for workers. What are these measures and what measures protect local residents? It also refers to risks. What are the risks associated with ISL (ISR) uranium mining?

Under "Operation of Existing Uranium Industry" UEC refers to "a negative regulatory climate" which is not "in the public's best interest." What is the intent and explanation of that statement? What are the guidelines used by TCEQ to determine "in the public's best interest"?

Under "Economic Development" UEC states that "the Goliad Project will not affect the operation of any existing exempt or permitted groundwater well located outside the permitted area." What is the assurance and guaranteed remedy? What about wells inside of the permitted area? What about future wells?

Item #9

UEC again refers to additional acreage being delineated. The application needs to have a defined fixed boundary. The public can not evaluate and comment on an unknown and undefined project.

Item #21

This item includes a statement that the Goliad Formation consists of interlayered sands, silts, and clays. GCGCD agrees with this conclusion and this is one of the reasons that GCGCD states that in the proposed production area, the aquifer is unconfined and subject to contaminating vertical leakage.

Item #22

What are the results of the comprehensive pump tests being planned for the area around the fault to determine transmissivity, vertical confinement and communication?

General Comments

The undated draft area permit #UR03075 prepared by TCEQ lists the permit area as having a total of 1139.4 acres. In the notice of application and preliminary decision for Class III injection well, proposed permit #UR03075, the requested aquifer exemption is stated to "extend over the approximately 423.8 acre area covered in Goliad County under the proposed injection well area permit." What are the boundaries of the proposed injection well area permit and the requested aquifer exemption?

At the 01/24/2008 public hearing in Goliad, the question was asked about the preparation of an Environmental Impact Statement. The answer was vague with an indication that one might be required. What is the status of an Environmental Impact Statement? What criteria govern the preparation of this statement?

Reference UEC news release dated June 16, 2008

UEC stated that in conjunction with TCEQ, it collected split water samples "to define baseline quality of the groundwater in the first production area." What are the water test data results? What is the screen length and depth location for each test well? What is the GPS location of each test well? What are the GPS locations of the nearest exploration boreholes to these test wells? Has TCEQ checked the proximity of previously drilled exploration boreholes to baseline wells, and has TCEQ made a scientific determination that there is no impact on the integrity of the water samples? If TCEQ has made this determination, please provide the scientific data.

The Gulf Coast Aquifer in the proposed uranium mining area is in the recharge zone of the Evangeline Aquifer component. The layers between water sands are unconfining as has been defined in historic technical data and has been noted in application review correspondence.

The aquifer in the proposed mining area, being in the recharge zone, is shallow and very sensitive to unnatural occurrences. The aquifer in and contiguous to the proposed mining area contains good quality drinking water as verified by numerous certified tests. This groundwater has served, is currently serving, and is projected to serve in the future as the source of drinking water for human consumption and livestock and wildlife supply.

In situ uranium mining and the required aquifer exemption should not be granted for proposed permit number UR03075 because the aquifer is not a confined aquifer and the aquifer is a drinking water supply aquifer for human, livestock, and wildlife consumption. Results of announced split water samples taken by the mining company and TCEQ from area monitoring (baseline) wells are questioned as to their true representation of water quality (baseline) prior to exploration activities.

Baseline water quality measurements must be taken from the full height of the water column and not just in the ore body layer. If TCEQ chooses to ignore the scientific data and the input of stakeholders, and disregards the potential for serious damage to the environment by granting this uranium mining permit with aquifer exemption; then the Goliad County Groundwater Conservation District demands that the permit be subject to the Goliad County Groundwater Conservation District Rules with special attention to rules 12.6, 12.7 and 12.9.

Goliad County Groundwater Conservation District requests that an additional public meeting be held for the expressed purpose of providing answers to the unanswered questions already asked and to allow comment on new data and application revisions generated since the January 24, 2008 meeting.

Goliad County Groundwater Conservation District (GCGCD) requests a contested case hearing on behalf of the groundwater stakeholders of Goliad County. Specific topics of contention include:

- GCGCD contends that no aquifer exemption can be granted,
- GCGCD contends that there is inadequate analysis and discussion of the geologic structure and stratigraphy with respect to local groundwater flows,
- GCGCD contends that invalid statistical sampling and analysis has been applied to develop representative groundwater quality parameters in the aquifer zone enclosed by the future monitor well ring,
- GCGCD contends that questionable methodology has been used for calculation of the upper limits for excursion parameters and there is the lack of justification for excluding uranium as an excursion parameter,
- Unsupported assumptions are used that underestimate the restoration costs associated with the bonding requirements,
- Insufficient detail is provided on the consumption of groundwater supplies for mining and restoration operations and the associated impact on local groundwater quality and use.

By copy of this letter, GCGCD respectfully requests that Senator Hegar and Representative Gonzalez Toureilles request that a contested case hearing be held for the proposed uranium mining permit number UR03075.

Sincerely,

Art Dohmann, President
Art Dohmann

Joe D. Kozielski, Vice President
Joe D. Kozielski

Barbara Smith, Secretary/Treasurer
Barbara Smith

Wesley Ball, Director
Wesley Ball

John H. Dreier, Director
John H Dreier

John B. Duke, Director
Not Available for signature

Raulie Irwin, Director
Raulie Irwin

AAD:jc
Enclosures
cc: State Senator Glenn Hegar
State Representative Yvonne Gonzalez Toureilles
EPA Region 6

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
P. O. BOX 562 GOLIAD, TEXAS 77963
Phone -361-645-1716 fax - 361-645-1772 email - gcgcd@att.net

Board of Directors
Art Dohmann – President
Joe Kozielski – Vice-President
Barbara Smith – Secretary/Treasurer
Directors – John Dreier, John B. Duke, Wesley Ball, Randie Irwin
General Manager – Barbara Smith

Texas Commission on Environmental Quality

PRESENTATION FOR 1-24-08 TCEQ PUBLIC MEETING

My name is Art Dohmann. I am the president and am speaking on behalf of the Goliad County Groundwater Conservation District. I wish to thank the staff of Texas commission on Environmental Quality for providing this opportunity of a public meeting to discuss the application for a new underground injection control proposed permit no. UR03075.

The UEC uranium mining permit application UR03075 being discussed is located in the RRC exploration permit #123 area of 10,701 acres in north-northeast Goliad County. Only a portion of the 10,701 acres has been leased for uranium exploration and mining. There has been extensive borehole drilling in the proposed uranium mining area penetrating the top four sands of the Evangeline (Gulf Coast) Aquifer. Exploration borehole drilling is continuing in other areas of the RRC #123 permit. The proposed mining areas and associated aquifer exemptions are subject to modification due to ongoing development as noted in the application.

Within and contiguous to the RRC exploration permit #123 area, according to appraisal district records, there are at least 93 private residences. These residences along with cattle operations are supplied groundwater by 168 water wells registered with the Goliad County Groundwater Conservation District. No mention is made in the mining applications of the use of this water for human consumption noting that was use is "namely, livestock and crop watering". In addition to the residences and water wells noted, there are many more immediately downdip of the potential uranium mining operations.

When considering the numerous natural and man-made surface obstacles (such as homes, ranching facilities, stock tanks, etc.) and the aquifer undulations, noted faults, and other uncertainties, how can there be any practical assurance that the quality of the area groundwater can be protected? Will the stable uranium deposits be only partially accessed but disturbed sufficiently to make restoration a practical impossibility?

In reference to water supply and quality, the mining application makes reference to Dale et al 1957 (50 year old data) , making comments about small supplies of variable quality

water. Current water data needs to be utilitzed for water management. With the exception of a few wells immediately downdip of the borehole exploration area and the wells that turned dirty and became contaminated with iron bacteria water quality is good in the exploration area and across Goliad County. GCGCD is providing to TCEQ a complete package of test data to verify this fact.

The mining permit application identifies the water use and associated handling equipment sized to accommodate the mandatory 1% bleed water and a projected use for restoration. The permit application accurately discusses the need for overproduction to prevent mining fluids from migrating vertically and horizontally, but no management plan is provided to address this condition. The simulation study prepared by Daniel B. Stephens (copy provided) raises serious questions about the amount of bleedwater (overproduction) that may be required and the potential for vertical leakage contaminations of water supplies outside of the production sand.

The potential for overproduction bleedwater increase above the 1% mandated, the potential to have to clean up a non-uranium bearing sand due to vertical leakage, and the potential to need of more water exchanges during restoration raises a serious question of depletion of area water supplies. It is requested that a model be prepared to define the water use limits that will not affect existing water wells. The model needs to be prepared in advance of a contested case hearing with ample time provided for analysis.

The mining permit application uses inconsistent data on the Gulf Coast Aquifer in the mining area relating to confining conditions, and is based on a fundamental misconception concerning the characterization of this aquifer. Current data including that used by the Texas Water Development Board for groundwater modeling shows the aquifer sands in the proposed mining area to be in the recharge zone and are unconfined. Modeling shows vertical leakage and this is a very critical water quality issue.

The methodology used by UEC to establish baseline data for groundwater quality restoration is not accepted by Goliad County Groundwater Conservation District. The monitor wells from which baseline water samples were taken were drilled after extensive borehole drilling and in close proximity to boreholes. The water quality data taken before extensive exploration from existing area wells does not support the high levels of contamination seen in the monitor wells being offered as pre-existing water quality. If the quality of the water was that bad historically, would this poor quality water would have moved downdip and been detected?

There are a number of questions associated with the installation of the baseline monitor wells and the collection of the data. Were the samples collected from a well that was screened only in the ore zone or across the entire thickness of the sand? Are the baseline monitor wells located randomly across the extent of the proposed well fields or biased towards the most concentrated ore zones? Is there a sampling plan that prescribes how to locate the baseline monitor wells? Is there a procedure for collecting the water samples including purging, stabilization and filtering?

The required aquifer exemption cannot be granted and meet the conditions specified for an aquifer exemption. This unconfined and continuously moving aquifer water has been used, is currently being used, and will be used in the future by many residents living, working and hunting in the area. Failures from previous ISL mining operations to restore groundwater must be considered in this evaluation.

Goliad County Groundwater Conservation District wishes to incorporate this information with that provided by letter (attached) to TCEQ dated November 5, 2007 which included a request for this public meeting. GCGCD appreciates the granting of this public meeting by TCEQ and our opportunity for formal comment.

Sincerely,
Goliad County Groundwater Conservation District
Board of Directors

Art Dohmann _____

Joe Kozielski _____

Barbara Smith _____

John Dreier _____

John B. Duke _____

Wesley Ball _____

Raulie Irwin _____

Board of Directors Art Doh – President, Joe Kozielski– Vice-President, Barbara Smith – Secretary Treasurer
Directors – Rauhe Irwin, John ... John B. Duke, Wesley Ball General Manager – Barbara Smith

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
P. O. BOX 562 GOLIAD, TEXAS 77963
Phone -361-645-1716 fax - 361-645-1772 email - gcgcd@att.net

Office of the Chief Clerk, MC 105
Ms. LaDonna Castañuela
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, TX 78711-3087

February 27, 2008

RE: Permit #UR 03075

Dear Ms. Castañuela,

This letter is sent on behalf of the Goliad County Groundwater Conservation District Board of Directors. The purpose of this letter is to give further written comment on the application for mining permit #UR 03075 by Uranium Energy Corporation.

UEC has stated that "Extensive radiological modeling has shown that potential impacts to the public health and the environment are not significant". Goliad County Groundwater Conservation District (GCGCD) does not agree with this assessment and is requesting a copy of these models. GCGCD requests that no mining permit approval be granted by TCEQ until the public has had ample time to review and comment on these models and supporting data.

UEC states that "As production areas become more finely developed, their shape and size will change", GCGCD has previously noted that the characteristics of the aquifer in the proposed mining area which include non-confining layers, undulating water sands, faults, etc. raise a major question as to whether the ISL mining process can be done safely. GCGCD requests that no mining permit approval be granted by TCEQ until the mining area is accurately and firmly delineated, and all of the aquifer questions are answered.

TCEQ is correct to question the issue of the existence of a confining zone of aquifer sands. The proposed mining area is in the recharge area of the Evangeline Aquifer. Rainwater percolates downward at a rate of 6-12 inches per day according to scientific data. Texas Water Development Board groundwater availability modeling shows vertical leakage. Silt and clay layers are discontinuous, allowing for this vertical leakage. This Evangeline Aquifer is the water supply for many domestic and livestock wells and it cannot risk becoming contaminated. UEC has acknowledged the need to do comprehensive hydrologic tests to address a number of aquifer issues. GCGCD requests that no mining permit be granted by TCEQ until these tests have been completed, the tests are evaluated to verify that no problem exists, and until the public has had ample time to evaluate these test results.

The GCGCD groundwater management plan forms a part of the Region L Water Plan and the State Water Plan which is governed by the Texas Water Code Chapter 36 administered by Texas Water Development Board (TWDB). GCGCD has a production rule allowing a maximum of ½ acre foot per acre per year to be pumped from the aquifer. Will TCEQ be responsible for implementation of water rights for compliance with the pumping limit? Will TCEQ be responsible for monitoring water level so that groundwater users in the vicinity of uranium mining and groundwater restoration will not encounter loss of water level; and, what action will TCEQ take if this occurs?

Sincerely,

Barbara Smith

Barbara Smith, Manager, Goliad County GCD
cc: TWDB
Jim Blackburn, Attorney
Steven G. Paulsgrove, Attorney

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
P. O. Box 560
GOLIAD, TEXAS, 77993

Sent to file 11/27/07 BAS

November 5, 2007

Office of the Chief Clerk, MC 105
Ms. LaDonna Castanuela
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, Texas 78711-3087

Re: Uranium Energy Corporation Mining Permit Application UR03075

Dear Ms. Castanuela,

Goliad County Groundwater Conservation District (GCGCD) is dedicated to assure long term availability of adequate good quality groundwater for Goliad and surrounding counties. GCGCD will provide for the protection, preservation, and conservation of groundwater, and to prevent waste of groundwater from the Gulf Coast Aquifer within it's jurisdiction.

Groundwater is the lifeblood for Goliad County. There are over 4,000 water wells that serve the domestic, livestock, and business needs for the County. Without this supply of good quality groundwater, Goliad County would suffer a major catastrophe. Looking to the future, 100-120 new service wells are drilled each year to supply a steady growth spearheaded by an urban movement to the pristine natural beauty and quality of life offered by Goliad County.

Goliad County groundwater is supplied by the Gulf Coast Aquifer with the principle aquifer segments being the Evangeline and the Chicot. The Evangeline Aquifer is at the surface for approximately 2/3 of the northern part of the county and is overlaid by the Chicot Aquifer in the southern end of the county. The north end of the county is the recharge zone for much of the water used in the county. The flow of the aquifer is to the southeast and it slopes at an average rate of 90 feet per mile in the north of the county with a gradual flattening to 30 feet per mile in the south of the county. Faulting can alter the normal flow of the aquifer to a lateral flow and also to a vertical flow. The Gulf Coast Aquifer consists of interbedded sands and clays. It is not a confined aquifer, a requirement for controlled in situ uranium mining. The fact that the Gulf Coast Aquifer is not a confined aquifer in northern Goliad County is well documented and its characteristics are fully defined in the Texas Water Development Board groundwater models.

Uranium ore was deposited in the water sands of the Evangeline Aquifer millions of years ago. From Uranium Energy Corporation mine permit application UR03075 data, there are four deposits identified in the proposed mining permit application at an average depth of 99 feet, 181 feet, 269 feet, and 385 feet from the surface to the base. These

radiation contamination on the surface covered with a minimum of one foot of new top soil; the results of the model prepared by Daniel B. Stephens and Associates; the sudden deterioration of water quality; and other issues, URAC's assessment is that "in their judgment in-situ leach mining can not be done safely in Goliad County". While there are many negative factors associated with borehole exploration and ISL uranium mining, the major issue is the impact on groundwater. GCGCD concurs with this assessment made by URAC that in situ uranium leach mining can not be done safely in Goliad County.

By notice issued August 29, 2007, the Texas Commission on Environmental Quality (TCEQ) notified property owners adjacent to the exploration permit number 123 area that Uranium Energy Corporation (UEC) had applied an application UR03075 to obtain a new Underground Injection Control Permit proposing to conduct in situ recovery of uranium at their facility in Goliad County.

GCGCD does not concur with the statement in the permit application that the Goliad Sand yields small quantities of variable quality water to wells in Goliad County. GCGCD also does not concur that the San Antonio River is the only permanent stream in Goliad County.

In the permit application written text, it states that the four sand units A, B, C, and D are confined. The correct nomenclature is that the sands are confining. There is a major difference between confined and confining sands where leakage does occur between confining sands. Leakage of a highly contaminated fluid such as occurs during in situ leach uranium mining between aquifer sands is not acceptable. Uranium in situ leach mining can not be safely done in an unconfined aquifer.

The permit application states that an Aquifer Exemption must be issued. The proposed uranium mining operation is located in the Gulf Coast Evangeline Aquifer recharge zone. This recharge area provides a drinking water supply for many rural residents and for livestock and wildlife in the immediate area of the proposed mining and continuing down dip. It is not possible to isolate a segment of this groundwater that is residing in an aquifer that is sloping at the rate of 90 feet per mile where the groundwater is steadily moving southeast making its way to the Gulf of Mexico and where this same groundwater comes to the surface in the form of springs feeding various streams.

Goliad County Groundwater Conservation District requests that a public meeting be held in Goliad County, Texas, with the Texas Commission on Environmental Quality and Uranium Energy Corporation regarding the above referenced permit application.

Sincerely,

Wesley Ball, Art Dohmann, John Dreier, John Duke,
Raulie Irwin, Joe Kozielski, Barbara Smith,
Board of Directors

Cc: Senator Glenn Hegar
Representative Yvonne Gonzalez Toureilles
The Railroad Commission of Texas attention Mr. Melvin Hodgkiss
GCGCD attorney Steven Paulsgrove

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
P.O. Box 562, Goliad, Texas 77963-0563
Telephone: (361) 645-1716 Facsimile: (361) 645-1772

OPA
MAR 24 2008
BY EB

Board of Directors:
President – Art Dohmann
Vice-President – Joe Kozielski
Secretary/Treasurer – Barbara Smith
Directors – Wesley Ball, John Dreier, John B. Duke, Raulie Irwin

RECEIVED
FEB 08 2008
WASTE PERMITS DIVISION
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

January 29, 2008

Texas Commission on Environmental Quality
Katherine Nelson, Section Manager
Industrial and Hazardous Waste Permits
P.O. Box 13087
Austin, TX 78711-3087

UIC
59943

CHIEF CLERKS OFFICE
MAR 20 PM 2:55
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Dear Ms. Nelson:

The Goliad Country Groundwater Conservation District (GCGCD) Board of Directors would like to extend our sincere appreciation to the Texas Commission on Environmental Quality (TCEQ) for arranging the public meeting held in Goliad, Texas on Thursday, January 24, 2008. The meeting offered the concerned citizens of Goliad County the opportunity to present their questions, comments and/or concerns to the TCEQ regarding Permit No. UR03075 submitted by Uranium Energy Corporation (UEC).

Ms. Tara Drissell did an excellent job managing the meeting. She successfully kept the meeting organized in spite of the intense emotional stress this entire process has invoked on the community. She should be commended for her professionalism.

We would like to point out a few concerns that the Board feels need to be addressed. Although the actual meeting was handled well, it was brought to our attention that the parking situation was a mess. The Department of Public Safety officers and local law enforcement blocked off the entire street in front of the Immaculate Conception Catholic Church meeting facility. However, after the meeting began, it was announced that parking was available in front of the church to those who were handicapped.

Another concern that we would like to address is the fact that the public was not allowed to provide water, coffee or snacks at the meeting. As you may or may not be aware, there were a number of elderly members of the community as well as a few citizens with health issues that would have benefited from having a drink and/or snack during such a lengthy meeting.

Although the meeting was set up by TCEQ, did UEC influence the event in not allowing the public to have refreshments and in requesting the presence of law enforcement officers including the Texas Rangers, a number Texas Department of Public Safety and local law enforcement officers for their "protection"? In spite of UEC's obvious attempt to discredit the fine people of this

DUE DATE
WWC# 12159590-1
PM D. Murray
TEAM ☐ 1 ☐ 2 ☑ UIC

community by requesting the presence of so many law enforcement officials, those who addressed TCEQ and UEC were respectable and polite.

Thank you.

Sincerely,

Board of Directors
Goliad County Groundwater Conservation District

Art Dohmann, President

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 JAN 28 AM 9:36

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: ART DOHMANN

Address: P.O. BOX 117

City/State: WEESATCHE TX **Zip:** 77993

Phone: (361) 564-2026

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☑ **Yes** ☐ **No**

If yes, which one? GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT

November 5, 2007

Re: Uranium Energy Corporation Mining Permit Application UR03075

Goliad County Groundwater Conservation District (GCGCD) is dedicated to assure long term availability of adequate good quality groundwater for Goliad and surrounding counties. GCGCD will provide for the protection, preservation, and conservation of groundwater, and to prevent waste of groundwater from the Gulf Coast Aquifer within its jurisdiction.

Groundwater is the lifeblood for Goliad County. There are over 4,000 water wells that serve the domestic, livestock, and business needs for the County. Without this supply of good quality groundwater, Goliad County would suffer a major catastrophe. Looking to the future, 100-120 new service wells are drilled each year to supply a steady growth spearheaded by an urban movement to the pristine natural beauty and quality of life offered by Goliad County.

Goliad County groundwater is supplied by the Gulf Coast Aquifer with the principle aquifer segments being the Evangeline and the Chicot. The Evangeline Aquifer is at the surface for approximately 2/3 of the northern part of the county and is overlaid by the Chicot Aquifer in the southern end of the county. The north end of the county is the recharge zone for much of the water used in the county. The flow of the aquifer is to the southeast and it slopes at an average rate of 90 feet per mile in the north of the county with a gradual flattening to 30 feet per mile in the south of the county. Faulting can alter the normal flow of the aquifer to a lateral flow and also to a vertical flow. The Gulf Coast Aquifer consists of interbedded sands and clays. It is not a confined aquifer, a requirement for controlled in situ uranium mining. The fact that the Gulf Coast Aquifer is not a confined aquifer in northern Goliad County is well documented and its characteristics are fully defined in the Texas Water Development Board groundwater models.

Uranium ore was deposited in the water sands of the Evangeline Aquifer millions of years ago. From Uranium Energy Corporation mine permit application UR03075 data, there are four deposits identified in the proposed mining permit application at an average depth of 99 feet, 181 feet, 269 feet, and 385 feet from the surface to the base. These deposits are stable until dissolved by oxygenated water injected into the aquifer or by being disturbed mechanically.

In May of 2006, UEC commenced the drilling of exploration boreholes under permit number 123 in the north-northeast part of the county between the 15 mile and 18 mile Coleto Creeks. This activity began at the east end of the permit area and progressed to the west with increased drilling occurring from November 2006 until April of 2007. Drilling was significantly curtailed during the May-July 2007 time period while surface violations were being corrected. New extensive borehole exploration is now again in progress in the proposed mining area.

In November and December, the Goliad County Groundwater Conservation District (GCGCD) conducted the first water baseline testing of 18 user wells around the exploration area. The results of these tests showed good water in 15 wells and high radionuclides in 3 wells which are located downdip to the exploration.

2008 JAN 28 AM 9:36
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

In April 2007, GCGCD was advised by five landowners updip of the exploration area that they were experiencing filter plugging and dirty water with their domestic use wells. These wells have been in service for many years and these landowners have not experienced this problem previously. GCGCD retested these wells in April 2007 and found significant changes in mineral and iron content in four of the wells. The fifth well was experiencing only a red coloration in the fixtures and had no identified quality changes. On October 2, 2007, GCGCD was contacted by a sixth landowner in the general area of the other five that he has been experiencing dirty water since June 2007. The Railroad Commission of Texas was provided detailed information of these conditions but made no investigation and concluded that it was probably due to a change from drought conditions to wet conditions. This area has experienced many drought and wet cycles in the past and has not observed this dirty water condition previously. GCGCD does not agree with the rationale used by the Railroad Commission of Texas as the cause of the dirty water and the addition of a sixth dirty well beginning in June 2007 does not fit the TRC rationale. Water tests done by GCGCD in October 2007 have confirmed additional contamination.

Beginning in December 2006 and continuing until June 2007, UEC has completed 20 monitor wells within the exploration area. These monitor wells were drilled after the boreholes were drilled and these monitor wells are very close to the boreholes, in some cases within 20 feet. Baseline water samples from these wells all show greatly elevated levels of Radium 226. The highest is 300 times the drinking water standard allowable. GCGCD does not believe that this represents the water quality present prior to exploration activity. The wells that were tested in and around the proposed mining area prior to the extensive borehole drilling do not support the philosophy used by UEC in paragraph 5.3 and 12.0 as to the baseline water quality and baseline values to be used for restoration. GCGCD is very concerned that the drilling of the monitor wells after extensive borehole drilling and the spacing of some of the monitor wells very close to the boreholes may contribute to the high level of radionuclides observed. For future applications, regulations need to be reviewed and revised to require baseline water quality be established prior to a major disturbance of the aquifer by borehole drilling.

Uranium Research and Advisory Committee (URAC) advises the Goliad County Commissioner's Court on actions and decisions to be made by the commissioner's court in regards to the potential mining of uranium in Goliad County. After careful evaluation of the unconfined and sloping features of the Gulf Coast Aquifer; the Railroad Commission of Texas reports on permit number 123 site violations and elevated gamma radiation contamination on the surface covered with a minimum of one foot of new top soil; the results of the model prepared by Daniel B. Stephens and Associates; the sudden deterioration of water quality; and other issues, URAC's assessment is that "in their judgment in-situ leach mining can not be done safely in Goliad County". While there are many negative factors associated with borehole exploration and ISL uranium mining, the major issue is the impact on groundwater.

By notice issued August 29, 2007, the Texas Commission on Environmental Quality (TCEQ) notified property owners adjacent to the exploration permit number 123 area that Uranium Energy Corporation (UEC) had applied an application UR03075 to obtain a new Underground Injection Control Permit proposing to conduct in situ recovery of uranium

at their facility in Goliad County. GCGCD concurs with the above assessment made by URAC that in-situ uranium leach mining can not be done safely in Goliad County.

GCGCD does not concur with the statement in the permit application that the Goliad Sand yields small quantities of variable quality water to wells in Goliad County. GCGCD also does not concur that the San Antonio is the only permanent stream in Goliad County.

In the permit application written text, it states that the four sand units A, B, C, and D are confined. In the cross section figures, the sands are shown as confining, which is the correct nomenclature. There is a major difference between confined and confining, especially when it comes to leakage of a highly contaminated fluid between aquifer units. Uranium in situ mining can not be safely done in an unconfined aquifer.

The permit application states that an Aquifer Exemption must be issued. The proposed uranium mining operation is located in the Gulf Coast Evangeline Aquifer recharge zone. This recharge area provides a drinking water supply for many rural residents and for livestock and wildlife in the immediate area of the proposed mining and continuing down dip. It is not possible to isolate a segment of this groundwater that is residing in an aquifer that is sloping at the rate of 90 feet per mile where the groundwater is steadily moving southeast making its way to the Gulf of Mexico and where this same groundwater comes to the surface in the form of springs feeding various streams.

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
CHIEF CLERKS OFFICE
2008 JAN 28 AM 9:36

B E Sample #: 106917
Project Name:
Sample Location:
Sample Date: 06/27/2007
Sample Time: 16:11

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	7.02	6.5-8.5	SM 4500-H+B
Electrical Conductivity (umhos/cm)	1,306	NECL	EPA 120.1
Total Dissolved Solids[3]	654	500	by meter
Chloride[3]	192	250	EPA 325.3
Fluoride[2]	<0.5	4.0	Hach 8029
Nitrate[2]	7.2	10	Hach 8171
Phosphate	<10	NECL	Hach 8048
Sulfate[3]	49.2	250	EPA 375.4
Total Hardness	376	NECL	SM 2340B

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	EPA 200.7
Barium[2]	0.106	2.000	EPA 200.7
Cadmium[2]	<0.002	0.005	EPA 200.7
Chromium[2]	<0.005	0.100	EPA 200.7
Copper[2]	0.020	1.300**	EPA 200.7
Iron[3]	0.03	0.300	EPA 200.7
Lead[2]	<0.01	0.015**	EPA 200.7
Mercury[2]	<0.0002	0.002	EPA 245.1
Selenium[2]	<0.03	0.050	EPA 200.7
Silver[3]	<0.007	0.100	EPA 200.7
Calcium	112	NECL	EPA 200.7
Magnesium	23.3	NECL	EPA 200.7
Sodium	130	NECL	EPA 200.7
Aluminum[3]	0.063	0.05-0.2	EPA 200.7

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

Art Dohmann

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, INC.

1610 S. Laredo Street, San Antonio, Texas 78207
(210) 229-9920 • Fax (210) 229-9921
www.satestinglab.com

REPORT TO:	INVOICE TO:	P.O. #
COMPANY Goliad Co. GCD	COMPANY GCGCD	REPORT NUMBER 0710-097
ADDRESS P.O. Box 562	ADDRESS P.O Box 562	
CITY Goliad STATE TX ZIP 77963	CITY Goliad STATE TX ZIP 77963	FAX # 361-645-1772
ATTN: Barbara PHONE # 361-645-1716	ATTN: Barbara PHONE # 361-645-1716	E-MAIL gcgcd@att.net

PROJECT NAME/LOCATION/SITE: Iron Bacteria

PROJECT NO.:

SAMPLED BY: AAD

REQUESTED TURNAROUND TIME (begins at Log-In): ☒ 7-10 Business Days ☐ 3-5 Business Days ☐ 2 Business Days ☐ Next Business Day ☐ SAME DAY WHEN POSSIBLE

TRRP 13 REQUEST ☐ YES ☐ NO

COMMENTS/SPECIAL REQUESTS:

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☒ YES ☐ NO
PROPER CONTAINERS ☒ YES ☐ NO
IF NO, SIGN HERE TO AUTHORIZE ANALYSIS _____

TEMP. ON RECPT. 3°C COND. OF SAMPLE Iced

SAMPLE NUMBER	COLLECTED DATE	COLLECTED TIME	MATRIX: DRINKING WATER	MATRIX: WASTEWATER	MATRIX: PAINT CHIPS	MATRIX: OIL	MATRIX: SOLID	MATRIX: SLUDGE	MATRIX: OTHER	SAMPLING METHOD: COMPOSITE	SAMPLING METHOD: GRAB	SAMPLING METHOD: CORE	SAMPLING METHOD: OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	SAMPLE AMOUNT	Iron Bacteria	REMARKS
1	10/9/07	2:15pm	✓								✓			g Water well	1	100 mls	X	
2	10/9/07	3:20pm	✓								✓			e Waterwell	1		X	
3	10/9/07	3:35pm	✓								✓			n Waterwell	1		X	
4	10/9/07	5:30pm	✓								✓			1 Waterwell	1		X	
5	10/9/07	5:00pm	✓								✓			a Waterwell	1		X	
6	10/9/07	4:00pm	✓								✓			F Shallow ww	1		X	
7	10/9/07	4:00pm	✓								✓			r Deep ww	1	↓	X	
8	10/9/07	3:10pm							X				X	e Filter Swab	1	swab	X	
9	10/9/07	5:00pm							X				X	Filter Swab	1	swab	X	

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)
Barbara Smith	10-09-07 11:55a.m.	Marcela Hawk	Marcela Hawk	Aimee Lynn	

RELINQUISHED BY (PRINT NAME)	RECEIVED BY (PRINT NAME)	RELINQUISHED BY (PRINT NAME)	RECEIVED BY (PRINT NAME)
Barbara Smith	Marcela Hawk	Marcela Hawk	Aimee Lynn
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	METHOD OF SHIPMENT SATL	TO BE SENT OUT ☐ YES ☒ NO
RELINQUISHED BY (PRINT NAME)	RECEIVED BY (PRINT NAME)		CUSTODY SEAL IN PLACE & INTACT ☐ YES ☒ NO

SAN ANTONIO TESTING LABORATORY, INC.

Goliad Co. GCD

P.O. Box 562
Goliad, TX 77963
ATTN: Barbara

Date/Time Received: 10/10/2007 2:01 PM

Date Reported: 10/19/2007

Project Name: Iron Bacteria
Project No.:

Additional Info: All counts reported are estimated CFU/mL based on the day bacterial growth was observed (4th day).

Report No.: 0710-097

REPORT OF MICROBIOLOGICAL ANALYSIS

Sample ID #: 1 Water Well — Sampling Method: Grab

Sample Type: Drinking Water — Date/Time Collected: 10/9/2007 2:55 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	<1	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Sample ID #: 2 Water Well — Sampling Method: Grab

Sample Type: Drinking Water — Date/Time Collected: 10/9/2007 3:20 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	9000	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Sample ID #: 3 Water Well — Sampling Method: Grab

Sample Type: Drinking Water — Date/Time Collected: 10/9/2007 3:35 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	9000	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Sample ID #: 4 Water Well — Sampling Method: Grab

Sample Type: Drinking Water — Date/Time Collected: 10/9/2007 5:30 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	<1	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Report No.: 0710-097

REPORT OF MICROBIOLOGICAL ANALYSIS

Sample ID #: 5 Water Well Sampling Method: Grab

Sample Type: Drinking Water Date/Time Collected: 10/9/2007 5:00 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	9000	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Sample ID #: 6 Shallow Water Well Sampling Method: Grab

Sample Type: Drinking Water Date/Time Collected: 10/9/2007 4:00 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	9000	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Sample ID #: 7 Deep Water Well Sampling Method: Grab

Sample Type: Drinking Water Date/Time Collected: 10/9/2007 4:10 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	9000	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Sample ID #: 8 Filter Swab Sampling Method: Other

Sample Type: Filter Date/Time Collected: 10/9/2007 3:10 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	9000	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Sample ID #: 9 Filter Swab Sampling Method: Other

Sample Type: Filter Date/Time Collected: 10/9/2007 5:00 P

Parameter	Results	Units	Analysis Method	Start Date/Time	Read Date/Time	Analyst
Iron Related Bacteria	9000	CFU/mL	Hach-Bart	10/10/2007 / 5:00 PM	10/18/2007 / 12:30 PM	ID

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist. Cons.	Company:
Address: P.O. Box 562	Address:
Goliad TX 77963-0562	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Farm + Ranch	Scan					PH=6.85 temp=22.7°C 4/26/07 1013	Lab Sample ID (Lab Use Only)
1	Well - ~~Prefilter~~ Bay	W	4/26/07	1010	1L	P	2	1,3	X							105399

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	4-26-07	1300	Kristen Zandenatti	4/26/07	1300

For Lab Use Only

Temp: 3.2 °C

Received Chilled: ☒ Yes ☒ No KE 4/26

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Onia packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105399**
Project Name:
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 10:10

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6.85	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (*u*mhos/cm)	1,134	NECL	*EPA 120.1*
Total Dissolved Solids[3]	566	500	*by meter*
Chloride[3]	190	250	*EPA 325.3*
Fluoride[2]	0.6	4.0	*Hach 8029*
Nitrate[2]	0.9	10	*Hach 8171*
Phosphate	0.39	NECL	*Hach 8048*
Sulfate[3]	70	250	*EPA 375.4*
Total Hardness	370	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.070	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	<0.005	1.300**	*EPA 200.7*
Iron[3]	0.678	0.300	*EPA 200.7*
Lead[2]	<0.01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0.050	*EPA 200.7*
Silver[3]	<0.007	0.100	*EPA 200.7*
Calcium	117	NECL	*EPA 200.7*
Magnesium	19.0	NECL	*EPA 200.7*
Sodium	128	NECL	*EPA 200.7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: [illegible] Ground water - Date Received: 4/26/07

BE Sample #: 105399 Checklist Completed By: KTandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: _____

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad County Groundwater Consv Dist.	Company:
Address: P.O. Box 562	Address:
Goliad TX 77963-0562	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772	Fax:
Project:	PO#:

NUMBER OF CONTAINERS

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Farm & Ranch Scan							pH=6.85 4/26/07 1026	Temp=23.1°C	Lab Sample ID (Lab Use Only)
1	Well	L	4/26/07	1022	1L	P	2	1.3	X									105400

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	4-26-07	1300	Keith Zandonadi	4/26/07	1300

For Lab Use Only

Temp: 3.2 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Onia packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Calhoun County Date Received: 4/26/07

BE Sample #: 105400 Groundwater Checklist Completed By: Kzandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: _____

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105400**
Project Name:
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 10:22

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6.85	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (umhos/cm)	1,032	NECL	*EPA 120.1*
Total Dissolved Solids[3]	516	500	*by meter*
Chloride[3]	184	250	*EPA 325.3*
Fluoride[2]	0.8	4.0	*Hach 8029*
Nitrate[2]	1.0	10	*Hach 8171*
Phosphate	0.37	NECL	*Hach 8048*
Sulfate[3]	46	250	*EPA 375.4*
Total Hardness	332	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.094	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	0.006	1.300**	*EPA 200.7*
Iron[3]	0.056	0.300	*EPA 200.7*
Lead[2]	<0.01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0.050	*EPA 200.7*
Silver[3]	<0.007	0.100	*EPA 200.7*
Calcium	103	NECL	*EPA 200.7*
Magnesium	18.1	NECL	*EPA 200.7*
Sodium	118	NECL	*EPA 200.7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. Groundwater Dist. Cons	Company:	
Address:	P.O. Box 562	Address:	
	Goliad TX 77963-0562		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Farm + Ranch	Scan	Farm + Ranch	Scan metals only			pH = 6.92 4/26/07	temp = 24.2°C	Lab Sample ID (Lab Use Only)
1	Well	L	4/26/07	1044	1L	P	1	1	X								105401
2	House filter	L	4/26/07	1044	1L	P	1	3			X						105402

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	4-26-07	1300	Kristin Zandenatti	4/26/07	1300

For Lab Use Only

Temp: 3.2°C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Galveston County — Groundwater Date Received: 4/26/17

BE Sample #: 105401-402 Checklist Completed By: KZundmette
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: _____

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105401**
Project Name:
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 10:44

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6.92	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (umhos/cm)	933	NECL	*EPA 120.1*
Total Dissolved Solids[3]	467	500	*by meter*
Chloride[3]	132	250	*EPA 325.3*
Fluoride[2]	0.6	4.0	*Hach 8029*
Nitrate[2]	1.2	10	*Hach 8171*
Phosphate	0.38	NECL	*Hach 8048*
Sulfate[3]	47	250	*EPA 375.4*
Total Hardness	301	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.090	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	<0.005	1.300**	*EPA 200.7*
Iron[3]	<0.01	0.300	*EPA 200.7*
Lead[2]	<0.01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0.050	*EPA 200.7*
Silver[3]	<0.007	0.100	*EPA 200.7*
Calcium	93.3	NECL	*EPA 200.7*
Magnesium	16.5	NECL	*EPA 200.7*
Sodium	124	NECL	*EPA 200.7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361)572-8224

REPORT OF SAMPLE ANALYSIS

TO: Goliad County Ground Water Dist.
Art Dohmann
P O Box 562
Goliad, TX 77963-0562

Client Information		*Laboratory Information*	
Project:		LAB Sample #	**105402**
Sample ID:	House Filter	Date Received:	04/26/07
Date Taken:	04/26/07	Time Received:	13:00
Time Taken:	10:44	Report Date:	05/17/07

Parameter	Result	Units	RL	Blank	Run By	LCS	MS	MSD
ICP Metal Scan: Method SW 6010B / EPA 245.1								
Silver	<0.007	mg/L	0.007	<0.007	WEW	110	N/A	N/A
Aluminum	1.07	mg/L	0.01	<0.01	WEW	102	N/A	N/A
Arsenic	<0.05	mg/L	0.02	<0.02	WEW	106	N/A	N/A
Barium	0.109	mg/L	0.007	<0.007	WEW	111	N/A	N/A
Beryllium	<0.005	mg/L	0.002	<0.002	WEW	104	N/A	N/A
Calcium	96.5	mg/L	0.05	<0.05	WEW	113	N/A	N/A
Cadmium	<0.002	mg/L	0.002	<0.002	WEW	104	N/A	N/A
Cobalt	<0.005	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Chromium	0.010	mg/L	0.005	<0.005	WEW	101	N/A	N/A
Copper	0.040	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Iron	5.55	mg/L	0.01	<0.01	WEW	111	N/A	N/A
Potasium	3.41	mg/L	1.0	<1.0	WEW	111	N/A	N/A
Magnesium	16.2	mg/L	0.01	<0.01	WEW	113	N/A	N/A
Manganese	0.026	mg/L	0.005	<0.005	WEW	99.4	N/A	N/A
Molybdenum	<0.01	mg/L	0.007	<0.007	WEW	99.3	N/A	N/A
Sodium	120	mg/L	1.0	<1.0	WEW	115	N/A	N/A
Nickel	<0.007	mg/L	0.007	<0.007	WEW	97.1	N/A	N/A
Lead	<0.01	mg/L	0.01	<0.01	WEW	102	N/A	N/A
Antimony	<0.005	mg/L	0.005	<0.005	WEW	101	N/A	N/A
Selenium	<0.03	mg/L	0.03	<0.03	WEW	102	N/A	N/A
Thallium	<0.02	mg/L	0.03	<0.03	WEW	99.3	N/A	N/A
Vanadium	0.052	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Zinc	0.128	mg/L	0.005	<0.005	WEW	104	N/A	N/A

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SW- EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handook No. 60

Approved By:

Kevin C. Baros
General Manager

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. Groundwater Cons. Dist.	Company:	
Address:	P.O Box 562	Address:	
	Goliad TX 77963-0562		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses: Tannin & Lignin Scan; Tannin & Lignin Scan; Metals only; pH = 6.62 4/26/07; Temp = 24.3°C

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Tannin & Lignin Scan		Tannin & Lignin Scan		Metals only		pH = 6.62 4/26/07	Temp = 24.3°C	Lab Sample ID (Lab Use Only)
1	Well	L	4/26/07	1105	1L	P	1	1	X								105403
2	Filter	L	4/26/07	1100	1L	P	1	3			X						105404
3	Sediment	SD			1L	P	1	1			X						105405

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	4-26-07	1300	Kurt Hudonatte	4/26/07	1300
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.2 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Colorado County – Date Received: 4/26/07

BE Sample #: 105403-405 Groundwater Checklist Completed By: K Zandinatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: _____

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105403**
Project Name:
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 11:05

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6.62	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (umhos/cm)	1,055	NECL	*EPA 120.1*
Total Dissolved Solids[3]	527	500	*by meter*
Chloride[3]	110	250	*EPA 325.3*
Fluoride[2]	0.3	4.0	*Hach 8029*
Nitrate[2]	12.5	10	*Hach 8171*
Phosphate	0.30	NECL	*Hach 8048*
Sulfate[3]	42	250	*EPA 375.4*
Total Hardness	460	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.399	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	<0.005	1.300**	*EPA 200.7*
Iron[3]	<0.01	0.300	*EPA 200.7*
Lead[2]	<0.01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0.050	*EPA 200.7*
Silver[3]	<0.007	0.100	*EPA 200.7*
Calcium	169	NECL	*EPA 200.7*
Magnesium	9.22	NECL	*EPA 200.7*
Sodium	84.0	NECL	*EPA 200.7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361)572-8224

REPORT OF SAMPLE ANALYSIS

TO: Goliad County Ground Water Dist.
Art Dohmann
P O Box 562
Goliad, TX 77963-0562

Client Information		*Laboratory Information*	
Project:		LAB Sample #	**105404**
Sample ID:	Filter	Date Received:	04/26/07
Date Taken:	04/26/07	Time Received:	13:00
Time Taken:	11:00	Report Date:	05/17/07

Parameter	Result	Units	RL	Blank	Run By	LCS	MS	MSD
ICP Metal Scan: Method SW 6010B / EPA 245.1								
Silver	<0.007	mg/L	0.007	<0.007	WEW	108	N/A	N/A
Aluminum	0.01	mg/L	0.01	<0.01	WEW	104	N/A	N/A
Arsenic	<0.02	mg/L	0.02	<0.02	WEW	104	N/A	N/A
Barium	0.389	mg/L	0.007	<0.007	WEW	108	N/A	N/A
Beryllium	<0.002	mg/L	0.002	<0.002	WEW	101	N/A	N/A
Calcium	166	mg/L	0.05	<0.05	WEW	111	N/A	N/A
Cadmium	<0.002	mg/L	0.002	<0.002	WEW	102	N/A	N/A
Cobalt	<0.005	mg/L	0.005	<0.005	WEW	100	N/A	N/A
Chromium	<0.005	mg/L	0.005	<0.005	WEW	99.2	N/A	N/A
Copper	<0.005	mg/L	0.005	<0.005	WEW	101	N/A	N/A
Iron	0.45	mg/L	0.01	<0.01	WEW	108	N/A	N/A
Potasium	2.02	mg/L	1.0	<1.0	WEW	113	N/A	N/A
Magnesium	8.99	mg/L	0.01	<0.01	WEW	109	N/A	N/A
Manganese	<0.005	mg/L	0.005	<0.005	WEW	98	N/A	N/A
Molybdenum	<0.007	mg/L	0.007	<0.007	WEW	96.4	N/A	N/A
Sodium	78.1	mg/L	1.0	<1.0	WEW	113	N/A	N/A
Nickel	<0.007	mg/L	0.007	<0.007	WEW	95.2	N/A	N/A
Lead	<0.01	mg/L	0.01	<0.01	WEW	99.5	N/A	N/A
Antimony	<0.005	mg/L	0.005	<0.005	WEW	98.1	N/A	N/A
Selenium	<0.03	mg/L	0.03	<0.03	WEW	104	N/A	N/A
Thallium	<0.02	mg/L	0.03	<0.03	WEW	97.1	N/A	N/A
Vanadium	0.051	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Zinc	0.017	mg/L	0.005	<0.005	WEW	101	N/A	N/A

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SW- EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handook No. 60

Approved By:

Kevin C. Baros
General Manager

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361)572-8224

REPORT OF SAMPLE ANALYSIS

TO: Goliad County Ground Water Dist.
Art Dohmann
P O Box 562
Goliad, TX 77963-0562

Client Information		*Laboratory Information*	
Project:		LAB Sample #	**105405**
Sample ID:	Sediment	Date Received:	04/26/07
Date Taken:		Time Received:	13:00
Time Taken:		Report Date:	05/17/07

Parameter	Result	Units	RL	Blank	Run By	LCS	MS	MSD
ICP Metal Scan: Method SW 6010B / EPA 245.1								
Silver	<0.007	mg/L	0.007	<0.007	WEW	108	N/A	N/A
Aluminum	1.35	mg/L	0.01	<0.01	WEW	104	N/A	N/A
Arsenic	<0.02	mg/L	0.02	<0.02	WEW	104	N/A	N/A
Barium	0.344	mg/L	0.007	<0.007	WEW	108	N/A	N/A
Beryllium	<0.002	mg/L	0.002	<0.002	WEW	101	N/A	N/A
Calcium	95.0	mg/L	0.05	<0.05	WEW	111	N/A	N/A
Cadmium	<0.002	mg/L	0.002	<0.002	WEW	102	N/A	N/A
Cobalt	<0.005	mg/L	0.005	<0.005	WEW	100	N/A	N/A
Chromium	0.029	mg/L	0.005	<0.005	WEW	99.2	N/A	N/A
Copper	0.185	mg/L	0.005	<0.005	WEW	101	N/A	N/A
Iron	24.8	mg/L	0.01	<0.01	WEW	108	N/A	N/A
Potasium	2.11	mg/L	1.0	<1.0	WEW	113	N/A	N/A
Magnesium	8.17	mg/L	0.01	<0.01	WEW	109	N/A	N/A
Manganese	0.109	mg/L	0.005	<0.005	WEW	98	N/A	N/A
Molybdenum	<0.007	mg/L	0.007	<0.007	WEW	96.4	N/A	N/A
Sodium	68.6	mg/L	1.0	<1.0	WEW	113	N/A	N/A
Nickel	<0.007	mg/L	0.007	<0.007	WEW	95.2	N/A	N/A
Lead	<0.01	mg/L	0.01	<0.01	WEW	99.5	N/A	N/A
Antimony	<0.005	mg/L	0.005	<0.005	WEW	98.1	N/A	N/A
Selenium	<0.03	mg/L	0.03	<0.03	WEW	104	N/A	N/A
Thallium	<0.02	mg/L	0.03	<0.03	WEW	97.1	N/A	N/A
Vanadium	0.093	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Zinc	0.112	mg/L	0.005	<0.005	WEW	101	N/A	N/A

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SW- EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handook No. 60

Approved By:

Kevin C. Baros
General Manager

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist. Cons.	Company:
Address: P.O. Box 562	Address:
Goliad TX 77963-0562	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Fam + Ranch Scan							pH = 6.85 4H 1726 6107 temp = 25.0°C	Lab Sample ID (Lab Use Only)
1	Well	L	4/26/07	1124	1L	P	2	1,3	X								105406

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	4-26-07	1300	Kristi Tandmatti	4/26/07	1300

For Lab Use Only

Temp: 3.2 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: On ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad County - Groundwater

Date Received: 4/26/07

BE Sample #: 105406

Checklist Completed By: K Zandonatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: _____

Action taken to correct problem: _____

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105406**
Project Name:
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 11:24

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6.85	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (umhos/cm)	1,052	NECL	*EPA 120.1*
Total Dissolved Solids[3]	526	500	*by meter*
Chloride[3]	158	250	*EPA 325.3*
Fluoride[2]	0.5	4.0	*Hach 8029*
Nitrate[2]	0.7	10	*Hach 8171*
Phosphate	0.24	NECL	*Hach 8048*
Sulfate[3]	64	250	*EPA 375.4*
Total Hardness	357	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.062	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	<0.005	1.300**	*EPA 200.7*
Iron[3]	<0.01	0.300	*EPA 200.7*
Lead[2]	<0.01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0.050	*EPA 200.7*
Silver[3]	<0.007	0.100	*EPA 200.7*
Calcium	112	NECL	*EPA 200.7*
Magnesium	18.8	NECL	*EPA 200.7*
Sodium	117	NECL	*EPA 200.7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

Art Dohmann

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9:36

CHIEF CLERKS OFFICE

OPA RECEIVED

JAN 24 2008

AT PUBLIC MEETING

Evaluation of Potential Impacts Related to Proposed Uranium Mining in Goliad County, Texas

Prepared for **Goliad County Groundwater Conservation District**
Goliad, Texas

STATE OF TEXAS
T. NEIL BLANDFORD
GEOLOGY
License Number 1034
LICENSED
PROFESSIONAL GEOSCIENTIST

June 25, 2007

T. Neil Blandford, PG (No. 1034)

June 25, 07
Muthu Kuchanur, PhD

Daniel B. Stephens & Associates, Inc.

6020 Academy NE, Suite 100 • Albuquerque, New Mexico 87109

MW

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Table

1 Input Parameters for the Local Groundwater Flow Model

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Appendix

A Supplemental Information and Modeling Results

Evaluation of Potential Impacts Related to Proposed Uranium Mining in Goliad County, Texas

1. Introduction

Daniel B. Stephens & Associates, Inc. (DBS&A) has prepared this report to present the methodology and results of numerical groundwater flow and solute transport modeling conducted to evaluate possible effects of proposed in-situ leach (ISL) uranium mining in north Goliad County, Texas. The approximate location of a local area that may be mined (Figure 1) was delineated based on the locations of potential ISL monitoring wells provided by the Goliad County Groundwater Conservation District (GCGCD). Figure 1 also shows the location of additional non-mining-related groundwater monitoring wells provided by GCGCD that exist in the vicinity of the proposed ISL mining area.

1.1 Objectives

The major objectives of the modeling study are to (1) evaluate the practicality of controlling injection fluid excursions from escaping downdip, (2) evaluate the practicality of controlling injection fluid excursions from escaping vertically into non-mined aquifer zones, and (3) determine the amount of bleed water required to control or eliminate such excursions.

1.2 Previous Studies

Several regional-scale studies have been carried out in the Central Gulf Coast Aquifer, including water availability studies by the Texas Water Development Board (TWDB) (Chowdhury et al., 2004), South Texas Groundwater Alliance (STGA) (Uddameri and Kuchanur, 2005), and others (e.g., Ryder, 1988; Ryder and Ardis, 1991; Hay, 1999). There have also been regional-scale studies conducted on uranium mineralization, including a thesis on the genetic stratigraphy of Goliad sands and its implications for the potential extent of uranium mineralization (Hoel, 1982) and a study on the uranium favorability of late Eocene through Pliocene rocks of the south Texas coastal plain (Quick et al., 1977). However, direct site-specific data on the potential mining area are not available from these regional-scale studies.

1.3 ISL Mining Operation Input Data

Three important variables in designing an ISL well field are well location, injection rate, and extraction rate. Because no information is available as yet from Uranium Energy Corporation (UEC) regarding these parameters, a literature review was conducted to identify the range of well spacings and injection/extraction rates used at other sites (Appendix A, Table A-1). The literature review gives a broad range of values for injection/recovery rates and well spacing. Values of these parameters for a specific site depend on many factors, including (1) local geology, geochemistry, and mineralogy of the ore, (2) the geometry and permeability of the ore body, (3) leach solution type and reaction chemistry, (4) physical design of injection/extraction wells, (5) treatment capacity, (6) permits/regulations and environmental concerns, and (7) capital and operating costs. A brief summary of data obtained from the literature is as follows:

- Well spacing ranges from 30 to 275 feet (most values in the literature are between 50 and 150 feet).

- The range of values for injection/extraction rates is 20 to 200 gallons per minute (gpm) (most literature values range from 20 to 150 gpm).

- The five-spot pattern in the literature typically includes one extraction well and four injection wells. In this study, as requested by GCGCD based on information provided by UEC, all the evaluations were carried out with one central injection well and four peripheral extraction wells.

- The operating life of an individual ISL well pattern is typically one to three years. Most of the uranium is recovered during the first six months of the operation.

2. Groundwater Flow Modeling

Recent regional-scale modeling efforts by TWDB and STGA were used to develop a finer-scale model of the proposed mining area. The STGA model developed by Texas A&M University Kingsville (TAMUK) has a grid size of 0.5 square mile, while the TWDB groundwater availability

model (GAM) has a grid size of 1 square mile. However, the TAMUK model is a steady-state model and, as such, cannot be used to model transient effects of the proposed ISL mining operation. In order to use the TWDB GAM as the base model from which more detailed simulations could be derived, the calibration of the GAM near the mining area was verified using available well hydrographs. Four wells in the vicinity of the mining area (7913202, 7906703, 7907305 and 7915301) have water level data that could be readily obtained from the TWDB groundwater database. The simulated hydraulic head from the GAM shows a very good correspondence with the observed data for the wells near the proposed mining area (Appendix A). Based on the above considerations, the GAM was used as the base model to develop a more refined local-scale groundwater flow and solute transport model.

The telescopic mesh refinement (TMR) approach (Leake and Claar, 1999; ESI, 2004) was used to refine the GAM to develop a local groundwater flow model of the assumed mining area. TMR is the process of creating a more refined model (smaller grid cells) within a subregion of a larger-scale model. In the TMR approach, the larger-scale model (in this case the GAM) is run for the period of interest, and the simulation results are used to prescribe boundary conditions along the edge (or boundary) of the smaller model (in this case the ISL mining area model). TMR is often performed to obtain greater resolution when simulating contaminant transport or the effects of individual wells within a small portion of a larger groundwater flow model, both of which were conducted in this study.

It is important to note the limitations and assumptions inherent in local site-specific models developed from a regional-scale model like the GAM. The GAM has model grids of 1 square mile, which implies that the hydrogeologic properties within the 1 square mile area are homogeneous. Using the GAM as the base model for the TMR process implies that, although the grid spacing is reduced, the hydrogeologic properties within the 1 square mile area are still homogeneous. In reality, there are likely site-specific variations in hydrogeologic properties within the 1 square mile area that are not accounted for in the modeling. Local hydrogeologic complexities such as variations in hydraulic conductivity can be incorporated into the local model; however, in this case, there was insufficient information to do so.

A similar limitation applies to changes in vertical discretization. As explained in Section 2.2, model layer 1 in the GAM was divided into 5 model layers in the local model. In the GAM, the

hydraulic conductivity applied in a given layer is assumed to be representative of the average permeability across the saturated thickness of that layer, and variations in lithology (i.e., the presence of interbedded lenses of sand and clay) are not explicitly accounted for. In reality, the hydraulic conductivity of the sand layers may be greater than that used in the model, and the hydraulic conductivity of the clay layers would be substantially less than that used in the model. Transport of leach solutions will occur preferentially along the sand lenses, potentially at a greater rate than that predicted in the model. Appropriate containment of leach solutions in the subsurface will therefore require knowledge of the distribution and hydraulic properties of the sand lenses.

2.1 Simulation Time Period

For the purposes of this project, the GAM was amended to include a predictive simulation period of 20 years (2007 through 2027). The historical transient model calibration period is from 1980 to 1999. For the predictive simulations, 1999 groundwater pumping conditions were applied for the entire period of 2000 through 2027. This approach is reasonable given the results of predictive simulations documented in Donnelly and Anaya (2005), which indicate no significant changes in simulated water levels near the study area under average recharge conditions from 1999 to 2060. It should be noted, however, that total estimated groundwater pumping in Goliad County has increased nearly 50 percent from 4,101 ac-ft/year in 1999 to 6,143 ac-ft/yr in 2006 (information provided by GCGCD). In addition, there are a number of domestic and irrigation wells within several thousand feet of the proposed mining area, and groundwater use associated with oil and gas drilling has increased significantly in recent years, starting at a point about 1.25 miles southeast of the proposed mining area. The distribution of local pumping and the location of individual non-mining wells are not accounted for explicitly in the GAM or in the local model developed for this analysis.

Although the anticipated duration of the mining operation is unknown at this time, experience at previous operations suggests that the duration of mining for a given region may be significantly less than 20 years (Section 1.3). Regardless, the 20-year time frame was selected to illustrate the nature of longer groundwater flow paths that can form in response to various injection and recovery ISL mining scenarios.

2.2 Model Discretization

The TMR process was applied using the GAM to obtain the local mining area model with a horizontal grid size of 20 feet by 20 feet. The total domain area of the local model is 1 mile by 1 mile, with the same grid orientation as that of the GAM, which is approximately parallel to the direction of regional groundwater flow. The GAM has three active model (vertical) layers in the proposed mining area to simulate groundwater flow within the Evangeline aquifer, the Burkeville aquitard, and the Jasper aquifer. The Evangeline Formation (composed predominantly of Goliad Sand) as represented in the GAM in the mining area is about 870 feet thick and is the target of proposed ISL, according to the GCGCD. Other information provided by GCGCD indicates that the thickness of Goliad Sand within and near the proposed area of mining may be closer to 500 feet, as the formation thins to the northwest across the county. The Evangeline Formation was discretized in the local model into five vertical layers (Figure 2) to account for the hydraulic effects of partial penetration of the injection/extraction wells in the proposed mining area. The estimated leakance between the Evangeline layers was taken from the TAMUK model.

2.3 Boundary Conditions

The boundary conditions on all four sides of the local model are time-varying prescribed hydraulic head boundaries (Figure 3). As explained above, these boundary conditions were obtained from the GAM using the TMR approach. Recharge as used in the GAM is applied as the top boundary condition, and the bottom boundary condition is a no-flow boundary, also the same as that used in the GAM.

2.4 Input Parameters

All the input parameters for the flow model (e.g., hydraulic conductivity, storage, and average recharge) are the same as those used in the GAM. The input parameters for the local groundwater flow model are provided in Table 1.

The U.S. Geological Survey (USGS) finite difference model code MODFLOW-96 (Harbaugh and McDonald, 1996) was used to simulate groundwater flow within the local model, consistent with the GAM.

2.5 Initial Conditions

The initial conditions for the local groundwater flow model for layer 1 are illustrated in Figure 3. The simulated hydraulic gradient (slope of the water table) is to the southeast at about 0.0009 foot per foot (ft/ft) (about 5 feet per mile). Under simulated ambient groundwater flow conditions, there is very little flow of groundwater between model layers in the Evangeline aquifer.

2.6 Determination of Groundwater Flow Paths

The simulated output of the MODFLOW simulations was coupled with MODPATH (Pollock, 1994), a USGS particle tracking code, to compute three-dimensional groundwater flow paths. Particles can be conceptualized as small volumes of water that are tracked as they move through the aquifer in accordance with the hydraulic gradient and aquifer hydraulic properties. Particle paths are computed by tracking particles from one model cell to the next based on the simulated groundwater flow velocity until the particle reaches a boundary, an internal sink/source, or satisfies some other termination criterion. In addition to computing particle paths, MODPATH keeps track of the travel time of particles as they move through the aquifer system. The particle paths computed by MODPATH were used to evaluate the particle capture by varying the injection/extraction rates within the ISL well field. A uniform effective porosity value of 0.2 was used in all model runs.

2.7 Simulation Approach for ISL Fluid Capture Evaluation

Three variables, well spacing, injection rate, and extraction rate, were used in various combinations to evaluate ISL well field performance. In this study, a five-spot pattern with a central injection well and four peripheral extraction wells was used. An alternative configuration with a central pumping well and exterior injection wells is also possible, but this configuration was not evaluated as part of this study. Well spacings are the distances between any two

extraction wells. Three scenarios were simulated using well spacings of 100, 140, and 180 feet. The general procedure followed to evaluate the particle capture by the extraction wells is as follows:

1. Given a specific spacing between wells, assumed injection and extraction rates were applied in the model.

2. MODPATH was executed by releasing particles at the injection well, and the capture of these particles at the extraction wells was evaluated.

3. If all the particles were not captured, then steps 1 and 2 were repeated with different extraction rates until all the particles were captured.

Finally, in order to simplify the simulations and better illustrate basic principles, only one injection and extraction ISL well field was simulated. An actual mining operation would likely include multiple series of injection and extraction wells that would hydraulically affect one another to some extent.

3. Results and Analysis

The results from the 140-foot well spacing scenario are discussed in detail in this section; results of the other scenarios are provided in Appendix A. The injection and extraction wells in this scenario were assumed to penetrate the shallowest Evangeline model layer (layer 1) only (Figure 2). The three simulation steps outlined in Section 2.7 were conducted to determine the extraction well pumping rates necessary to capture all injection fluids in model layer 1. The injection rate was kept constant at 50 gpm and the extraction rate was varied until all the particles released at the injection well were captured by the extraction wells.

It was not possible using the model to achieve less than 1 percent bleed water with a constant well spacing of 140 feet. Therefore, the spacing between the downgradient extraction wells was decreased to 100 feet. With the reduced spacing at the downgradient wells, the target of less than 1 percent bleed water was met (the bleed water is the volume of water that must be extracted in addition to that injected in order to achieve complete capture of injected fluids).

This result highlights the fact that achieving capture of injected fluids is highly sensitive to well placement and spacing. The necessary sum of the extraction rates at the four peripheral capture wells was determined to be a minimum of 50.5 gpm for this scenario.

The pumping rates of the extraction wells and the simulated hydraulic head field for layer 1 as of 2027 are provided in Figure 4. The mound that forms around the injection well in the center of the five-spot pattern is evident, as are the cones of depression that form around the extraction wells.

Simulated groundwater flow paths in layer 1 are illustrated in Figure 5. Comparison of Figure 5 with Figure 4 illustrates that the groundwater flow pathlines are perpendicular to the simulated hydraulic head contours. The arrows marked on the pathlines in Figure 5 indicate the direction of groundwater flow, and the number by the arrow indicates the time, in years, that it takes for a particle of groundwater introduced to the aquifer at the injection well to reach the indicated location. Figure 5 shows that many of the particles travel from the injection well to the extraction wells within a time period of about 2 years or less. There are some simulated particle tracks, however, where it takes significantly longer in order for capture to be achieved. In fact, there are several groundwater flow pathlines illustrated in Figure 5 that are not captured within the 20-year simulation period. The longest flow paths are those that move out from the injection well at about the midpoint between two extraction wells. These particles pass through or near stagnation zones (zones of very low groundwater velocity), and therefore take significantly longer to be captured by the extraction wells. Typically, stagnation zones are formed downgradient of extraction wells and upgradient of injection wells. If the mining operation were stopped after several years, there would be injected fluids within the aquifer that would not be captured by a pumping well. These fluids could be contained within a several year period if additional extraction wells were installed between the capture wells simulated in this scenario.

Analysis of the groundwater flow budget indicates that there is net simulated downward leakage from model layer 1 to model layer 2 caused primarily by the ISL well field. This leakage is further confirmed by particles observed in layer 2, which were found to be particles released at the bottom of layer 1 at the injection well. The rate of injection at the central injection well is significantly higher than the extraction rates of the individual peripheral wells, implying that downward leakage near the injection well from layer 1 to layer 2 is greater than upward leakage

from layer 2 to layer 1 near the extraction wells. The simulation results indicate that the net vertical migration of injection fluid from model layer 1 to model layer 2 is approximately 0.4 percent of the injection rate of 50 gpm, or about 0.2 gpm. This rate is equivalent to 288 gallons per day. Although this net rate of downward seepage is relatively small, it is approximately equivalent to the domestic use of a typical household.

Figure 6 illustrates the groundwater flow pathlines for the particles that migrated from layer 1 into layer 2. Note that once the particles migrate downward into layer 2, they are not captured by the extraction wells but rather migrate with the ambient direction of groundwater flow simulated for layer 2.

Similar model runs to those discussed above were carried out with well spacings of 100 and 180 feet (Figures A-6 and A-7). The simulations illustrate that there is an optimal combination for well spacing, injection rates, and extraction rates for given hydrogeologic conditions. Deviation from this optimal range of ISL design parameters causes an increase (in some cases quite significant) in the amount of bleed water required to capture injection fluids.

The results of the particle tracking simulations should be interpreted keeping in mind the following key assumptions:

- The particle tracking approach assumed that the velocity of the particles is the same as that of the groundwater, and does not consider the effects of dispersion, retardation, chemical reactions, and changes in viscosity and density of the injection or extracted fluid.

- The groundwater flow model and particle tracking simulations represent average conditions within the assumed ISL well field, and do not account for complex subsurface phenomena that can occur such as gas, chemical or mechanical clogging of pore space within the aquifer, or variable operational schedules of the injection or extraction wells.

All the above factors could significantly affect capture efficiency.

4. Contaminant Transport Model

The groundwater flow model and the particle tracking simulations discussed above only estimate the migration of groundwater and dissolved solutes in accordance with the simulated average groundwater flow velocity; they do not account for dispersion, geochemical reactions, dilution, or retardation of solution fronts. Modeling all the physical processes in an ISL well field is possible, but is data intensive, expensive, and would require more detailed site-specific data. As a first step, a contaminant transport model was developed using MT3D (Zheng, 1990), which explicitly accounts for dispersion in addition to advective solute transport. Dispersion in porous media refers to the spreading of contaminants over a greater region than would be predicted solely from the average groundwater velocity vectors. Dispersion is caused by deviations of actual velocity from the average groundwater velocity on a microscale. The MT3D model is similar to the MODPATH model in that it uses the output from the groundwater flow model to determine groundwater flow velocity.

The actual concentrations of the injected fluids that will be applied in the proposed ISL mining operation are not available. Therefore, injected fluid was assumed to be of normalized unit concentration (concentration of 1.0 milligram per liter). All other groundwater inflows were assigned a solute concentration of zero. Additional required inputs for the transport model simulation are the longitudinal, transverse, and vertical dispersivities. Constant values of 20 and 2 feet for longitudinal and transverse dispersivities, respectively, were assumed for the MT3D transport model. Vertical dispersivity was assumed to be negligible.

The groundwater flow simulation used in the transport modeling is the same as that presented in Section 3. The concentration contours simulated for layers 1 and 2 are shown in Figures 7 and 8, respectively. In layer 1, the simulated normalized concentration contours exhibit a shape consistent with the simulated groundwater flow pathlines, although comparison of Figure 7 with Figure 5 illustrates the effects of dispersion, as significant solute concentration occurs in the aquifer at distances greater than the farthest groundwater flow pathline. The transport model also simulated the migration of injected fluids in model layer 2 (the layer below the injection and extraction wells). Concentrations as high as six-tenths of the injection concentration were simulated to occur near (but beneath) the injection well (0.6 contour in Figure 8), and solute

concentrations of about one-tenth the injection concentration (0.1 contour in Figure 8) migrate about 220 feet downgradient of the central injection well. The contaminant transport modeling evaluates the migration of a conservative contaminant; hydrogeochemical reactions or other phenomena that may reduce the rate of solute migration are not considered in the model.

5. Summary and Conclusions

This study evaluated, through application of groundwater flow, particle tracking, and solute transport modeling, various issues related to capture of fluids that may be injected for ISL mining in north Goliad County, Texas. Simulation results indicate that capture of injected fluids within the mined zone with 1 percent bleed water is feasible, although the simulation results are very sensitive to well placement, selected injection and pumping rates, and hydraulic conductivity of the aquifer. In some cases, an increase of even 20 feet in the well spacing caused the simulated bleed water to increase by about 6 percent.

In addition, the nature of the hydraulic groundwater flow field that may develop due to mining leads to the formation of long, low-velocity travel paths in certain areas of the injection-capture system; impacted groundwater within or near these travel paths may not be extracted during the life of the mining operation if a specific approach is not designed and implemented to account for these aquifer regions. Most of the injected fluid is extracted at capture wells within a time frame of about 3 years or less for the scenarios evaluated. At the cessation of ISL mining, monitoring locations should be selected carefully in order to identify potential groundwater impacts in the vicinity of these longer, low-velocity pathways. In addition, groundwater monitoring should be continued for an extended period of time.

The simulation results also indicate that ISL fluids can, and likely would, migrate vertically between aquifer layers. The ISL scenario evaluated assumes that injection and pumping would occur in the uppermost layer of the Evangeline aquifer (Goliad Sand), which has a saturated thickness of approximately 105 feet in the model. ISL fluids migrate vertically downward in the vicinity of the injection well. Once these fluids enter the model layer below the mined layer, they are not recaptured by the pumping wells, but rather migrate with the ambient groundwater flow velocity of the deeper aquifer layer. Other, more complicated factors that could affect vertical migration of ISL fluids through the aquifer were not considered in the simulations. For example,

the density of the fluid that results from the mixing of native groundwater and injected fluid can affect transport nature and extent.

Finally, the input parameters for the groundwater flow and solute transport modeling were assumed in part based on a literature survey and in part based on Evangeline aquifer properties used in the GAM and the TAMUK model. Complex hydrogeochemistry and other complicating factors that could alter the simulated travel times and zones of capture were not accounted for in the simulations. Consideration of such factors, and potentially other analyses, may be useful when site-specific mining plans and data become available from the operator. Regardless, the basic hydraulic principles of capture and solute migration summarized above and explained in the report are applicable.

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Figures

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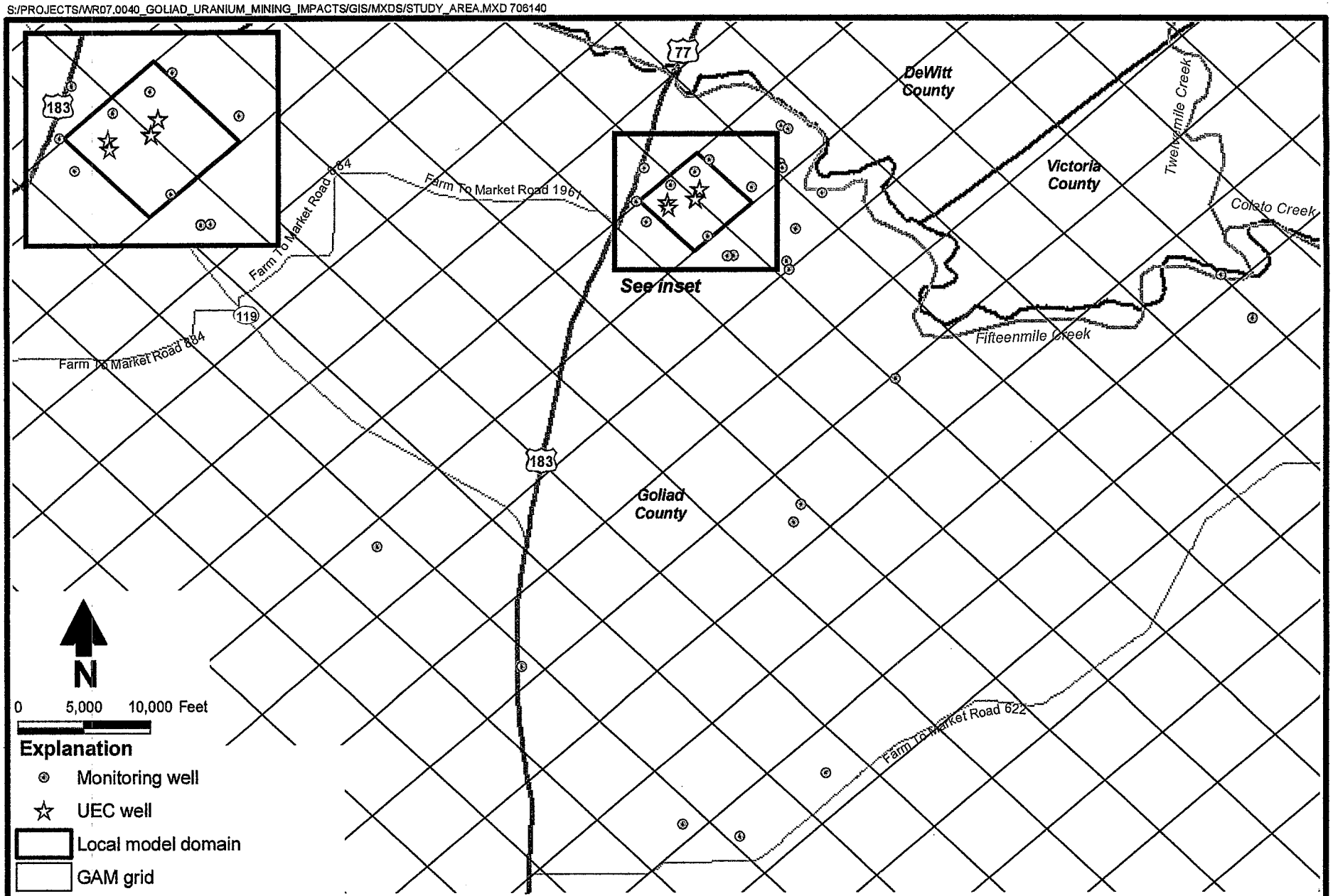

Figure 1

GOLIAD COUNTY URANIUM MINING IMPACTS
Study Area

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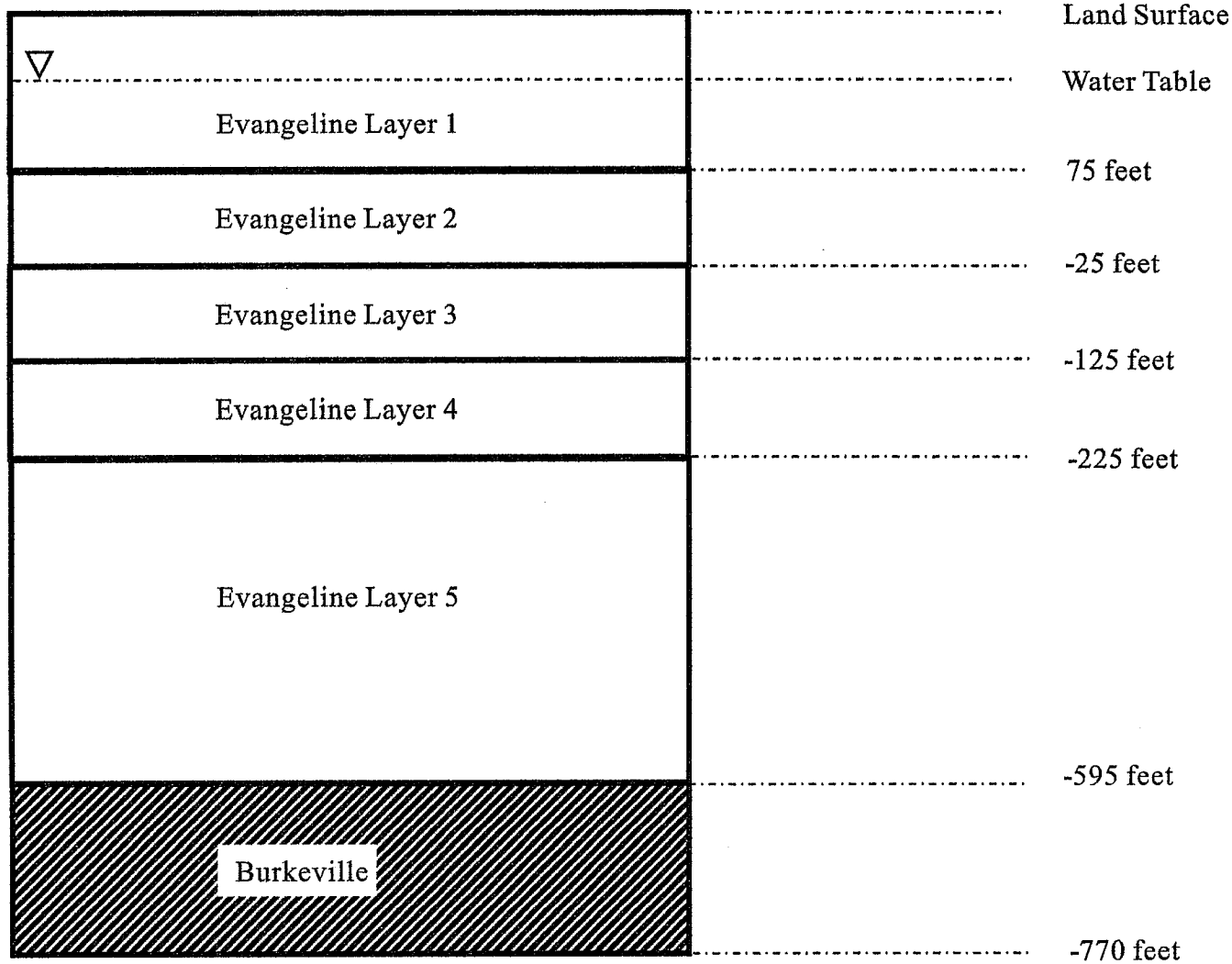
Reference Elevation: Mean Sea Level



GOLIAD COUNTY URANIUM MINING IMPACTS

Cross Section of the Local Model Layers in the Proposed Mining Area

Figure 2

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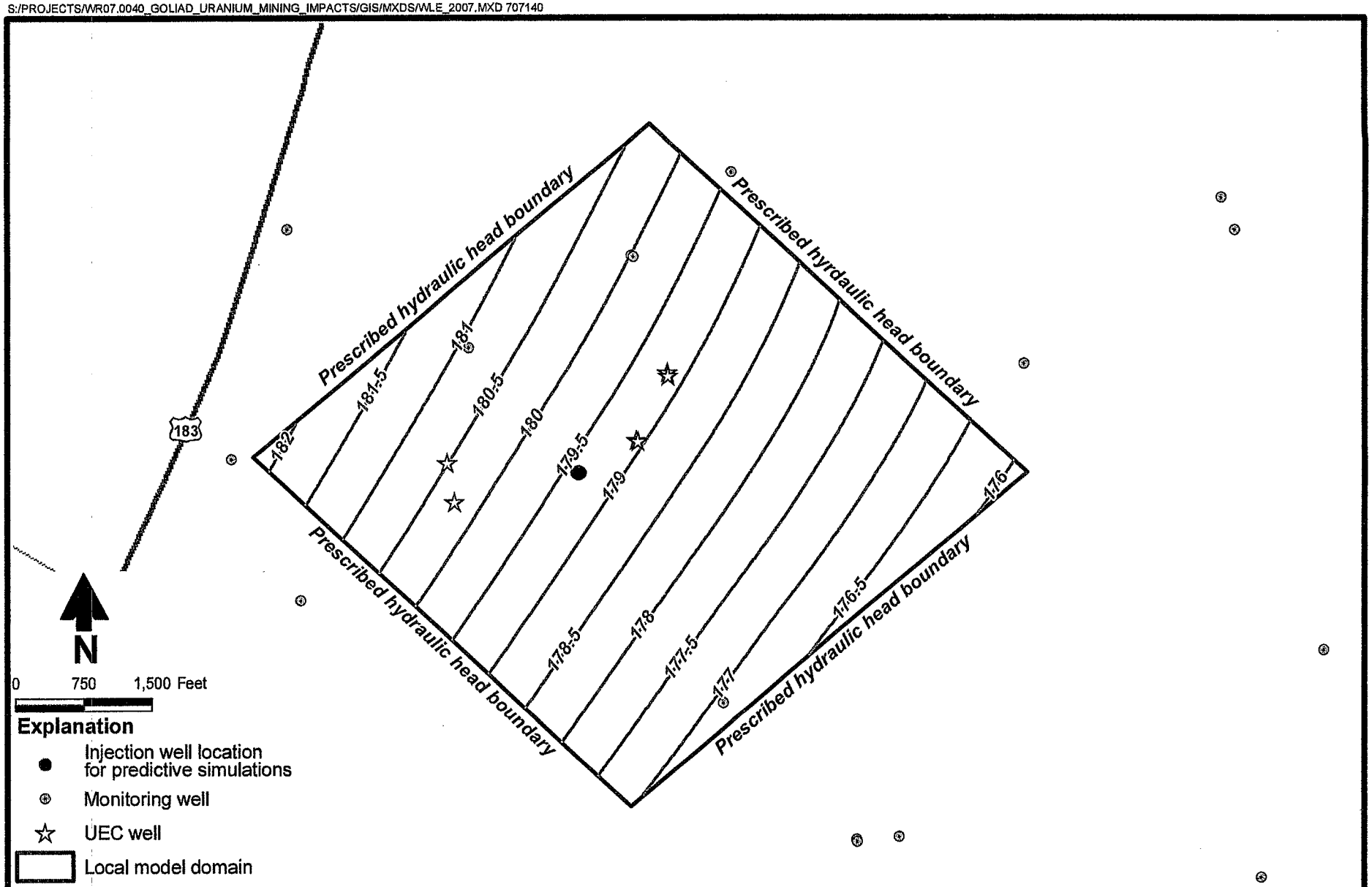

GOLIAD COUNTY URANIUM MINING IMPACTS

Simulated 2007 Water Level Contours

Evangeline Layer 1

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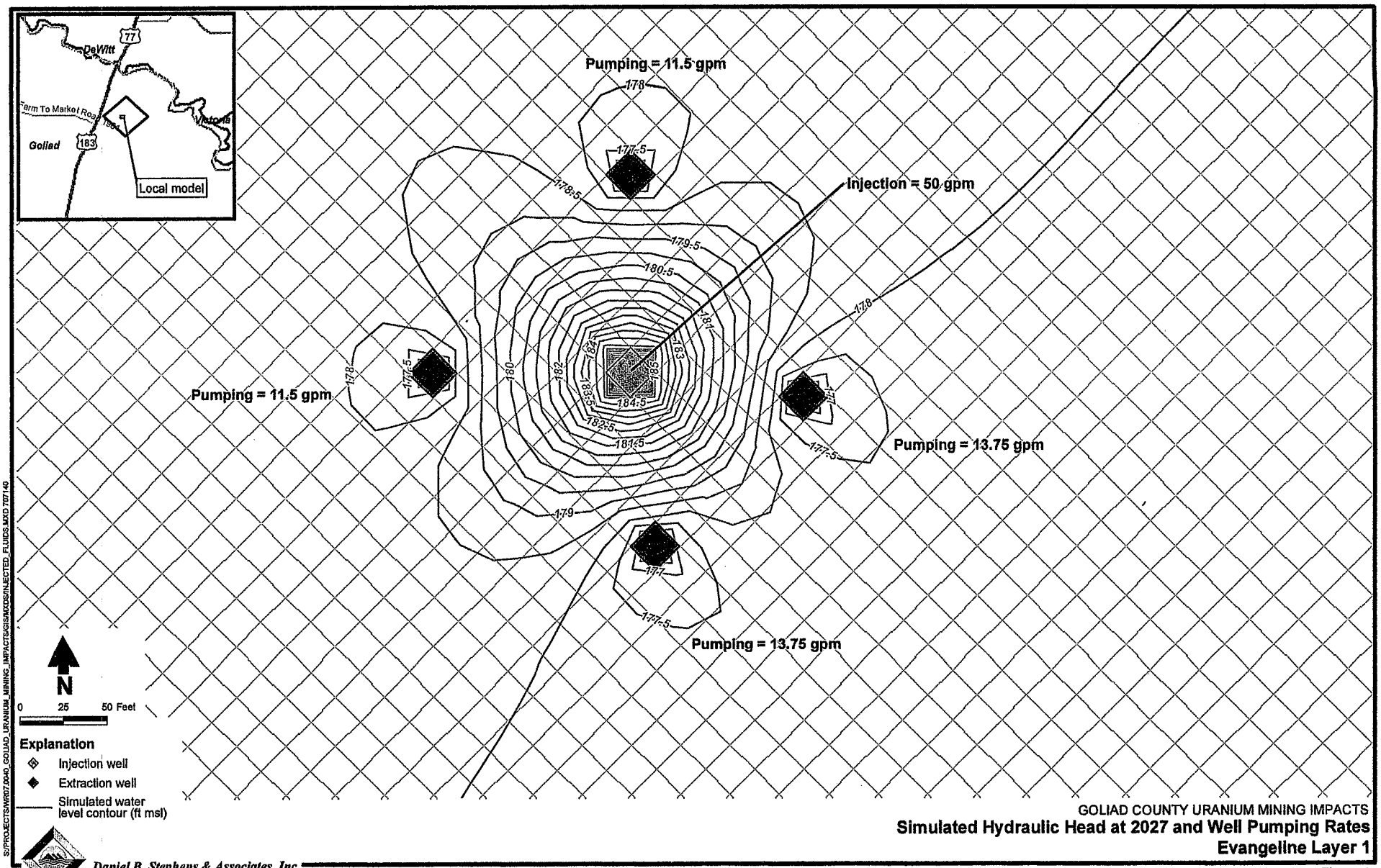
Figure 3



GOLIAD COUNTY URANIUM MINING IMPACTS

Simulated Hydraulic Head at 2027 and Well Pumping Rates

Evangeline Layer 1

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Figure 4

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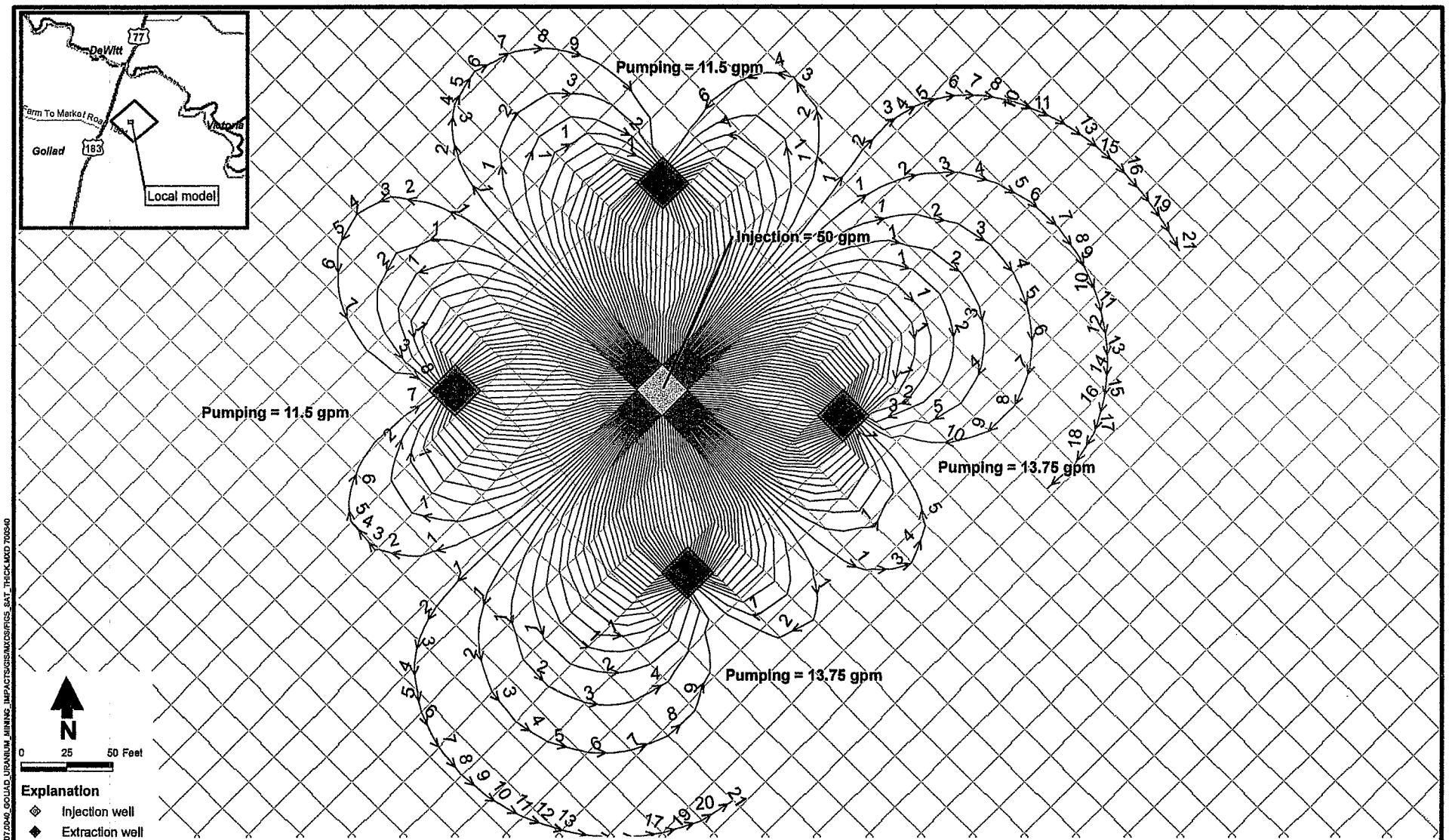

GOLIAD COUNTY URANIUM MINING IMPACTS

Simulated Travel Paths of Injected Fluids

Evangeline Layer 1

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Figure 5

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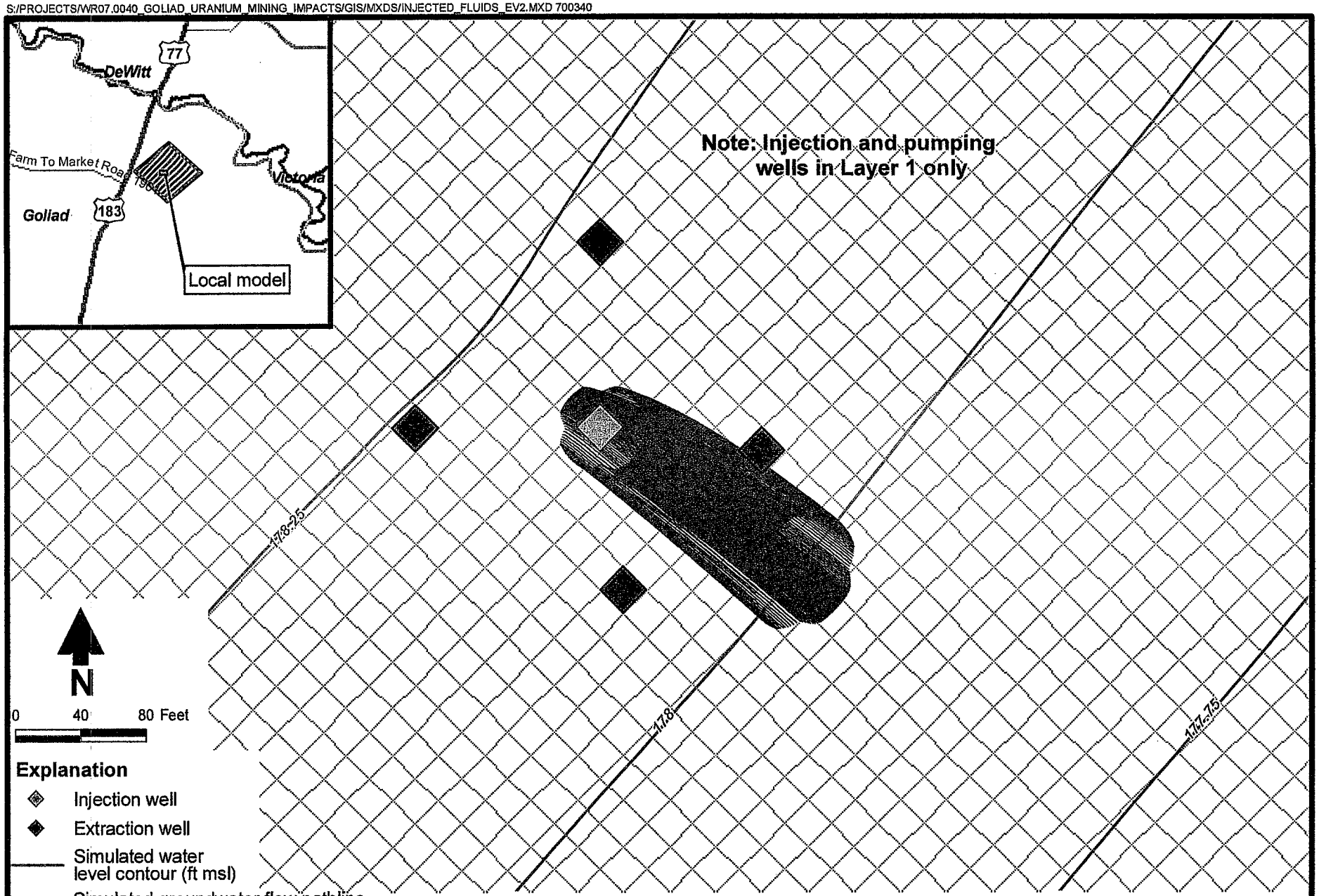

Figure 6

GOLIAD COUNTY URANIUM MINING IMPACTS

Simulated Travel Paths of Injected Fluids

Evangeline Layer 2

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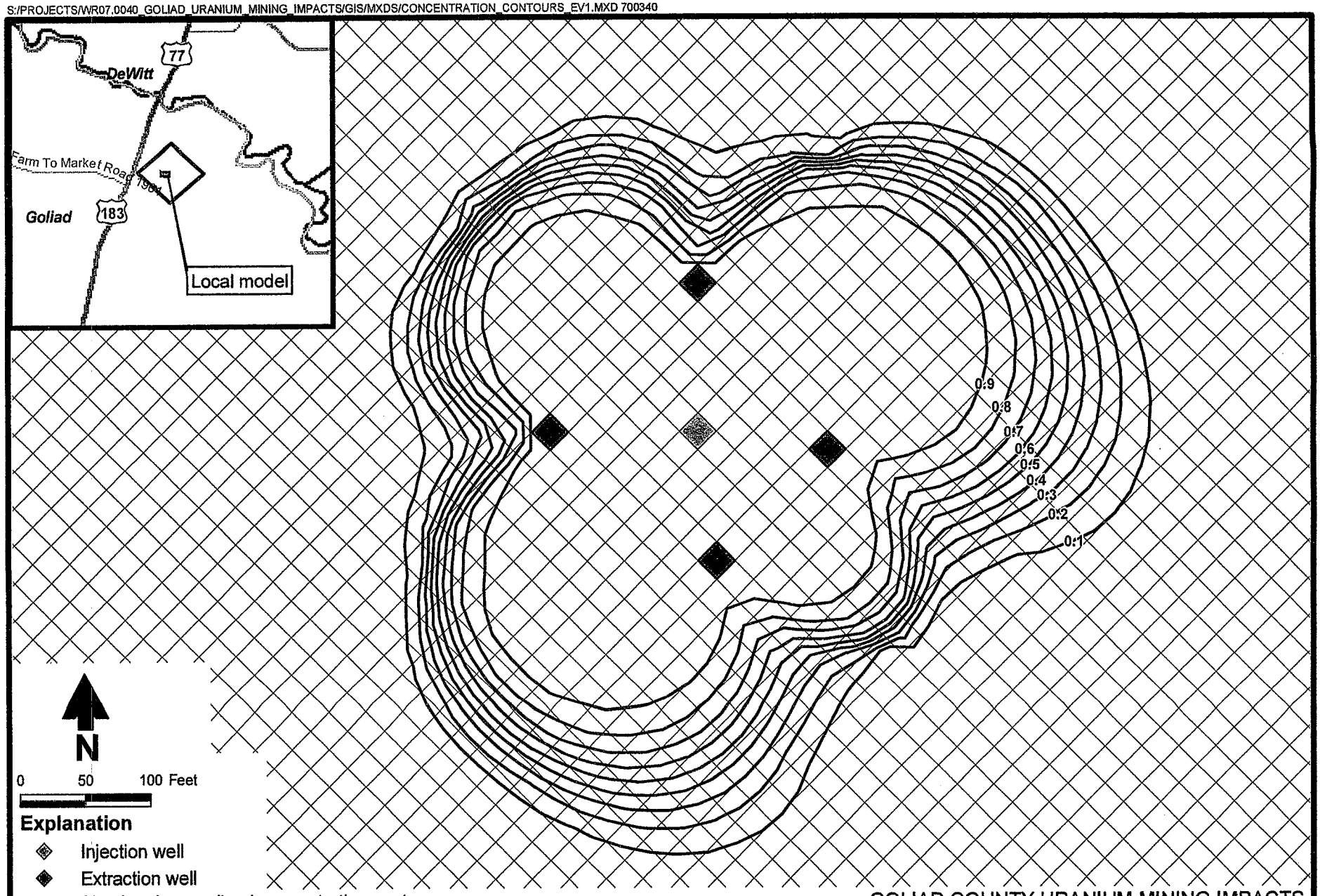

GOLIAD COUNTY URANIUM MINING IMPACTS

Simulated Normalized Concentration Contours

Evangeline Layer 1

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Figure 7

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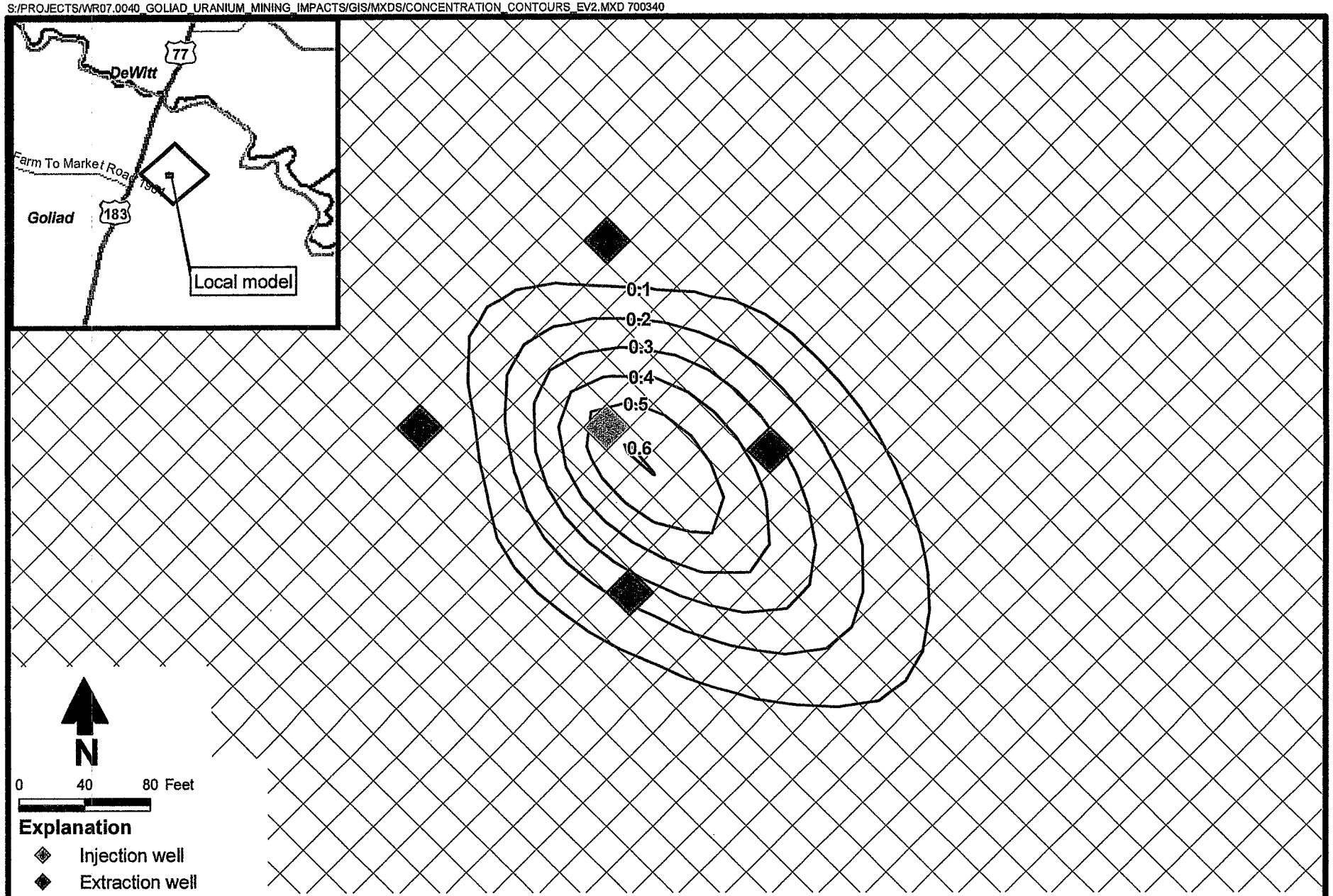

GOLIAD COUNTY URANIUM MINING IMPACTS

Simulated Normalized Concentration Contours

Evangeline Layer 2

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Figure 8

Table

Table 1. Input Parameters for the Local Groundwater Flow Model

S. No	Parameter	Value
1	Horizontal hydraulic conductivity – Evangeline Formation	3.5 ft/d
2	Specific yield – Evangeline Formation	0.01
3	Recharge	1.420×10^{-6} to 3.780×10^{-5} ft/d
4	Vertical hydraulic conductivity between Evangeline layers (from TAMUK model)	0.06 ft/d

ft/d = Feet per day

Appendix A

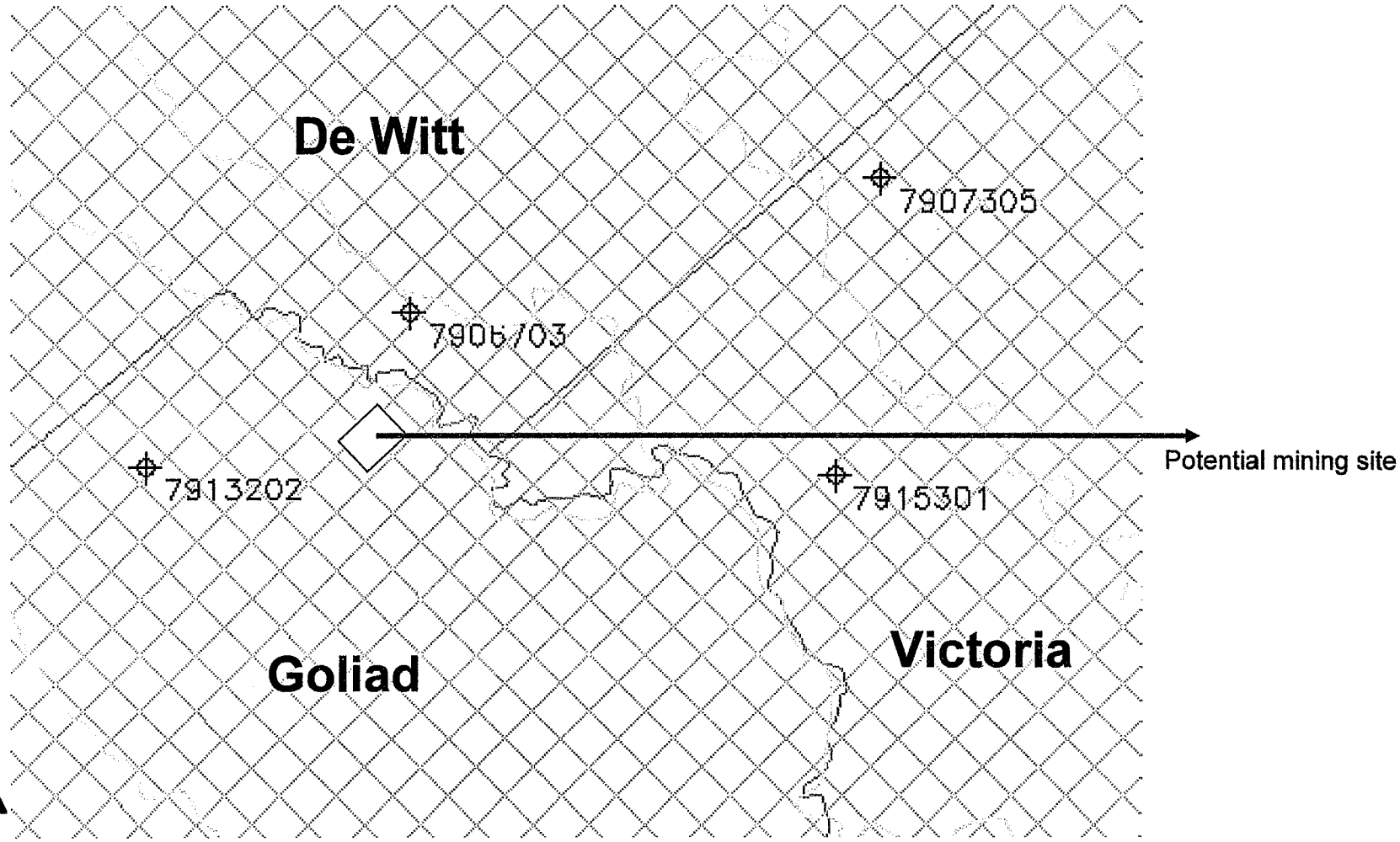
Supplemental Information and Modeling Results

Table A1. Summary of Literature Review on ISL Well Field Design Parameters
Page 1 of 2

S. No	Injection Rate	Extraction Rate	Well Spacing/ Geometric Design	Source
1	100 gpm	---	100 ft x 100 ft / 5 spot pattern	Freeman and Stover, (1999), The Smith Ranch Project: A 1990s In Situ Uranium Mine, The Uranium Institute 24th Annual Symposium 8-10 September 1999: London
2	---	---	15 to 30 meters (approximately 50 to 100 ft)	Paul Kay (1998), Beyond the Three Mines - In Situ Uranium Leaching Proposals in South Australia, Science, Technology, Environment and Resources Group, Research Paper 12 1997-98
3	---	~ 2.5 to 3.8 L/sec (approximately 40 to 60 gpm)	15 meters (approximately 50 ft)/ 5 spot pattern - Nine mile lake site, Wyoming	G.Mudd (2001), Critical Review of Acid-insitu Mining: 1. USA and Australia, Environmental Geology, 41:390-403
4	---	2.5 L/sec (approximately 40 gpm)	12 meters (approximately 40 ft)/ 5 spot pattern - Reno Ranch site, Wyoming	
5	---	1.6 L/sec (approximately 25 gpm)	15 meters (approximately 50 ft)/ 7 spot pattern - - Reno Ranch site, Wyoming	
6	---	2.5 L/sec (approximately 40 gpm)	15 meters (approximately 50 ft)/ 7 spot pattern - Nine mile lake site, Wyoming	
7	---	50 gpm	Lost Creek, Wyoming	http://events.onlinebroadcasting.com/urenergy/011607/index.php
8	---	44 gpm	15 to 60 meters (approximately 50 to 165 ft) / Hexagonal Pattern	T. C. Pool and Wallis, C.S (2006), Technical report on the Akalda, Uranium Mine, Kazakhstan, Prepared for Urasia Energy LTD.
9	---	1.2 L/sec (approximately 20 gpm)	40 meters (approximately 130 ft)/ Hexagonal pattern	T. C. Pool and Wallis, C.S (2006), Technical report on the North Kharassan Uranium Project, Kazakhstan, Prepared for Urasia Energy LTD.

Table A1. Summary of Literature Review on ISL Well Field Design Parameters
Page 2 of 2

S. No	Injection Rate	Extraction Rate	Well Spacing/ Geometric Design	Source
10	Ranges from a minimum of 0.0007 m^3/second (~10 gpm) to a maximum of 0.007 m^3/second (~110 gpm) with a typical average rate of 0.0014 m3/second (22 gpm)	Ranges from a minimum of 0.0014 m^3/second (~22 gpm), to a maximum of 0.014 (~220 gpm) and a typical average rate of 0.0028 m3/second. (44 gpm)	The maximum distance between the injection and recovery wells vary from 10 to 80 meters (the most prevalent from 30 to 50 m).	International Atomic Energy Agency (IAEA, 2001), Manual of Acid in-situ Leach Uranium Mining Technology, Vienna, Austria:294 pp



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Grids shown are GAM grids of 1 square mile size

GOLIAD COUNTY URANIUM MINING IMPACTS

Location of Wells Used to Check the Calibration of GAM Near the Study Area

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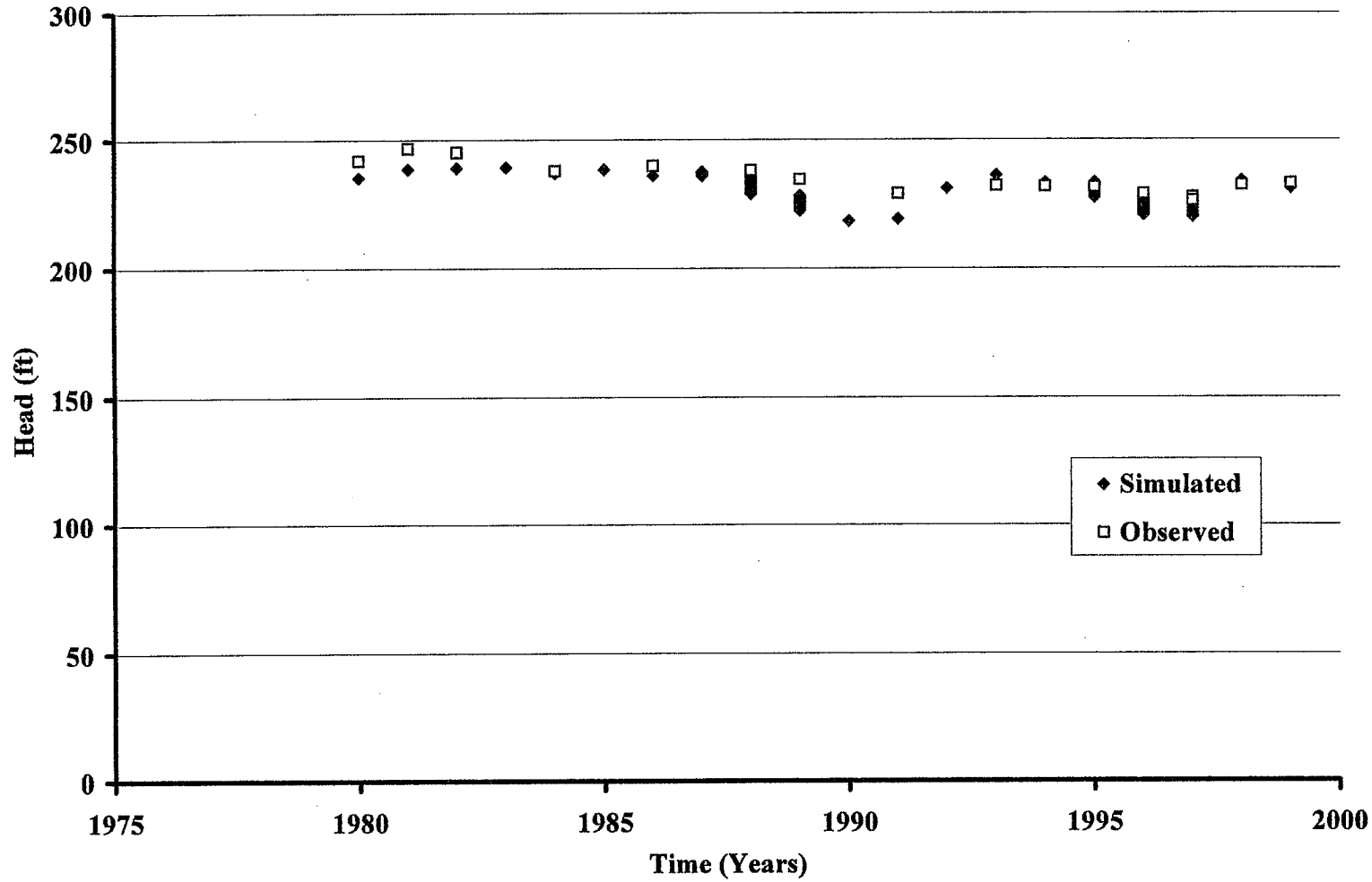
Figure A-1

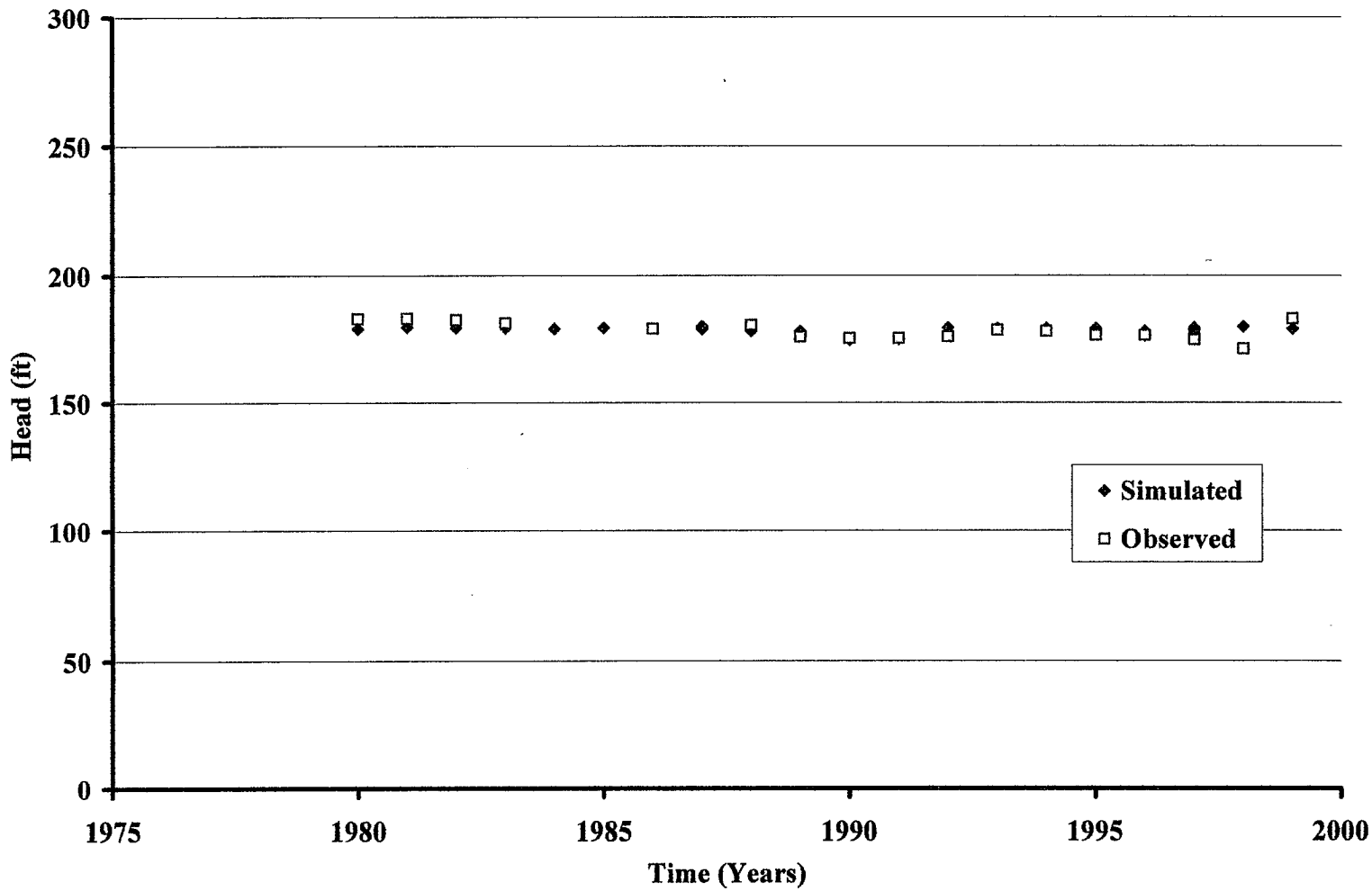


GOLIAD COUNTY URANIUM MINING IMPACTS

Observed and Simulated Hydrograph for Well No. 7913202

Daniel B. Stephens & Associates, Inc.

Figure A-2

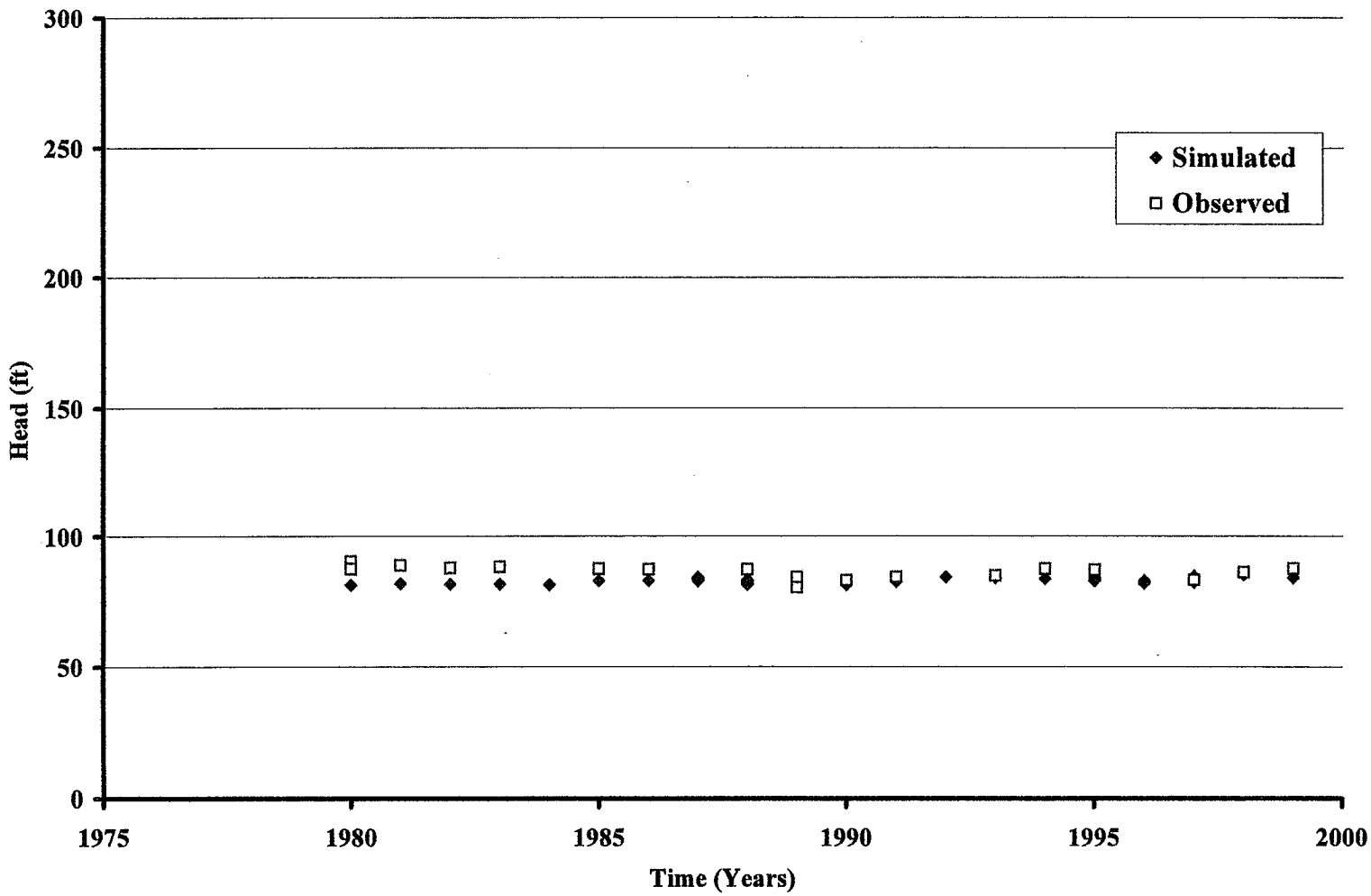


GOLIAD COUNTY URANIUM MINING IMPACTS

Observed and Simulated Hydrograph for Well No. 7906703

Daniel B. Stephens & Associates, Inc.

Figure A-3

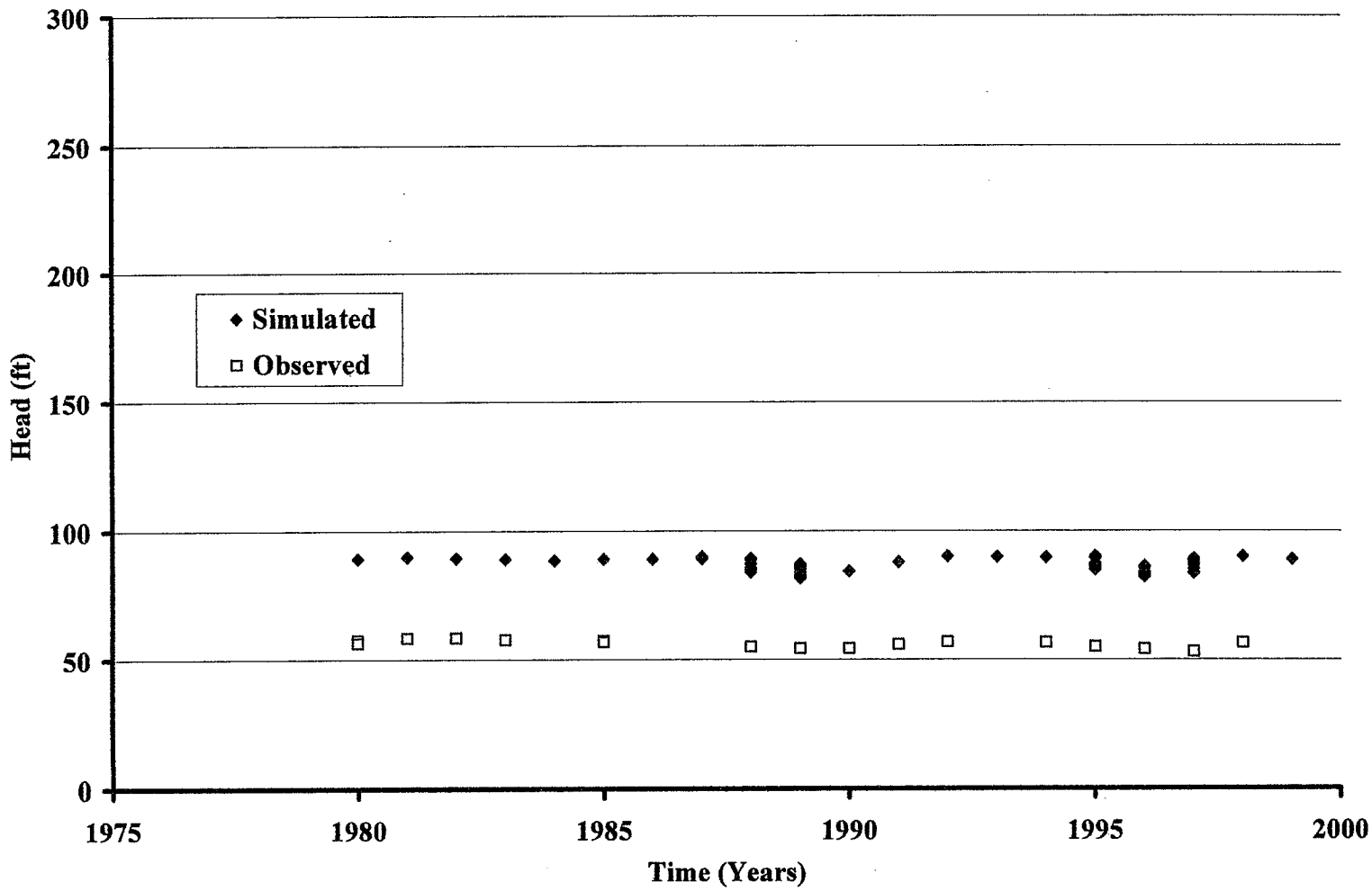


GOLIAD COUNTY URANIUM MINING IMPACTS

Observed and Simulated Hydrograph for Well No. 7907305

Daniel B. Stephens & Associates, Inc.

Figure A-4

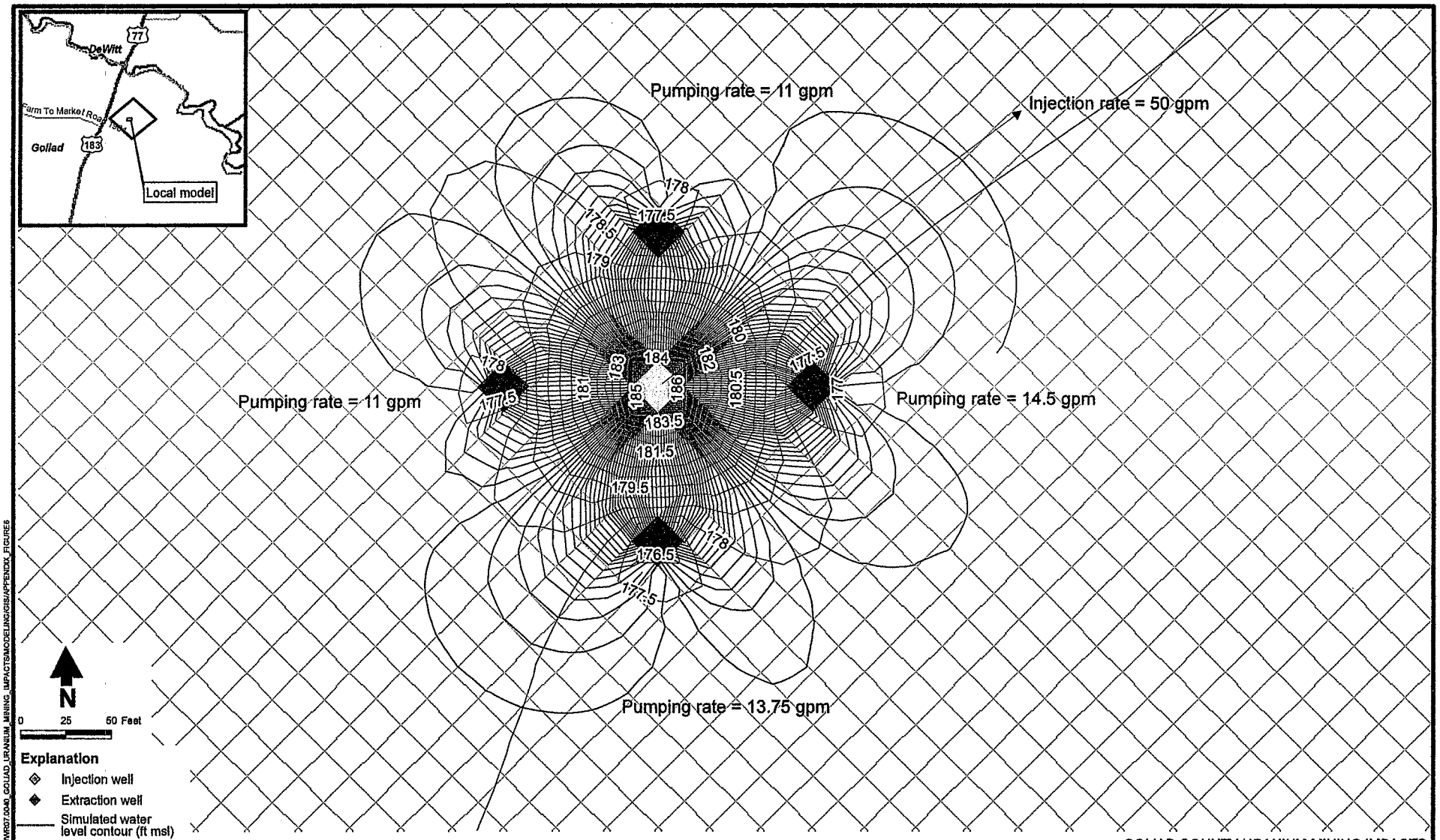


GOLIAD COUNTY URANIUM MINING IMPACTS

Observed and Simulated Hydrograph for Well No. 7915301

Daniel B. Stephens & Associates, Inc.

Figure A-5



GOLIAD COUNTY URANIUM MINING IMPACTS

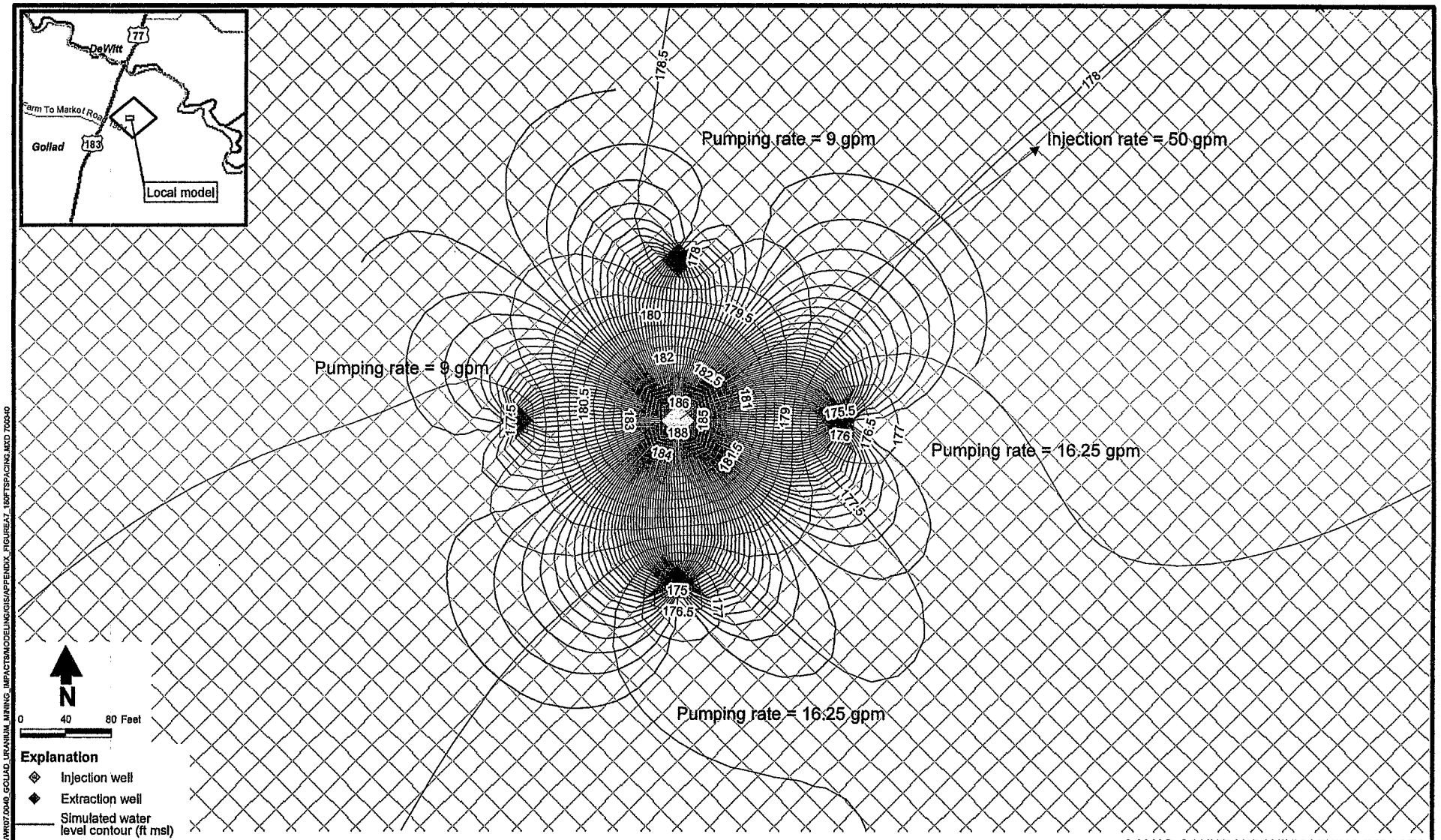
Simulated Travel Paths of Injected Fluids - 100 ft Well Spacing Scenario

Evangeline Layer 1

Daniel B. Stephens & Associates, Inc.
04/17/2007
JN WR07.0040

Figure A-6

S:/PROJECTS/WR07.0040_GOLIAD_URANIUM_MINING_IMPACTS/MODELING/GIS/APPENDIX_FIGURES



GOLIAD COUNTY URANIUM MINING IMPACTS

Simulated Travel Paths of the Injected Fluids - 180 ft Well Spacing Scenario

Evangeline Layer 1

Daniel B. Stephens & Associates, Inc.
04/17/2007
JN WR07.0040

Figure A-7

S:\PROJECTS\WR07.0040_GOLIAD_URANIUM_MINING_IMPACTS\MODELING\GIS\APPENDIX_FIGURE\A7_180FTSPACING.MXD T00340

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Lab Reports of
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Uranium Mining Area

AT PUBLIC MEETING

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1																																			
2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard. Hardness
3																																			
4	Independent Test 7-11-06																																		
5	Sample # 7921911	326	<.001	.05-.2	<.001	0.01	10.01	0.01	0.078	2	<.001	0	356.34	NECL	0.294	1-3 m	<.5	NECL	0.001	0.01	92.8	NECL	1.2	NECL	183	250	0.002	0.1			0.003	1	0.6	4	
6	no gps - 63 Dondo Lane																																		
7	pH 6.94,Cond. 991, Temp. 25																																		
8	Independent Test 9-25-06																																		
9	Sample # 98913		<.01	.05-.2			<.02	0.01	0.092	2									<.002	0.01	111	NECL			280		<.005	0.1			<.005	1.3	0.66	4	397
10	no gps - Peal Oak Road																																		
11	pH 7.42, Cond.1005																				15,986	NECL													
12	Sample # 98914																																		
13	same location as above																																		
14	Independent Test 11-6-06																																		
15	Sample # 0611056						0.005	0.01																	19.8	250									
16	no gps - Kilgore Road																																		
17	Independent Test 7-23-07																																		
18	Sample # 107553						0.004	0.01																	263	250									
19	no gps -																																		
20	Cond. 1247, pH 7.33																																		
21	160' depth																																		
22	Independent Test 7-27-07																																		
23	Customer ID # 423844						0.00894	0.01											ND	5							0.0281	0.1							
24	no gps - East Hennig Road																																		
25	GBRA Lab																																		
26																																			
27	Testing Date 2-13-07																																		
28	WELL #1						0.01	0.01																	118mgL	250									
29	28° 51.494W 97° 20.707W																																		
30	80' depth																								1850mg/L	250									
31	WELL #2						ND	0.01																											
32	28° 51.308N 97° 19.942W																																		
33	O & G Sup. Well 465'depth																																		
34	UEC 02/13/07	240					0.009	0.01	ND				293						<.0001		123		0		124	250	ND				ND		0.43		
35	Cond. 988, pH 7.38																																		
36	WELL #3						0.006	0.01																	101 mg/L	250									
37	28° 48.403N 97° 19.795W																																		
38	160' depth																																		
39	WELL #4						0.002	0.01																	160 Mg/L	250									
40	28° 48.189N 97° 19.889W																																		
41	250' depth																																		
42	pump set at 120'																								96 Mg/L	250									
43	WELL #5						0.008	0.01																											
44	28° 49.956N 97° 18.625W																																		
45	165' depth																								154 Mg/L	250									
46	WELL #6						0.039	0.01																											
47	28° 50.705N 97° 14.191W																																		
48	145' depth																								166 Mg/L	250									
49	WELL #7						0.001	0.01																											
50	28° 51.237N 97° 14.582W																																		
51	167' depth																																		

Page 2 of 2

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
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Date information received
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Lab Reports of
of Wells Tested
Uranium Mining Area

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
52	WELL #8						0.007	0.01																	128 Mg/L	250									
53	28° 45.075N 97° 19.485W																																		
54	280' depth																																		
55	WELL #9						0.013	0.01																	111	250									
56	28° 44.289N 97° 20.559W																																		
57	220' depth																																		
58	WELL #10						0.013	0.01																	419	250									
59	28° 44.444N 97° 21.269W																																		
60	200' depth																																		
61	WELL #11						0.011	0.01																	55 Mg/L	250									
62	28° 47.894N 97° 25.065W																																		
63	WELL #12						ND	0.01																	171 Mg/L	250									
64	28° 46.388N 97° 23.267W																																		
65																																			
66	Testing Date 2-14-07																																		
67	WELL #13						ND	0.01																	152 mg/L	250									
68	28° 45.894N 97° 27.546W																																		
69	Cond. 1148, pH 7.3, Temp. 22																																		
70	100' depth																																		
71	WELL #14						0.012	0.01																	156 mg/L	250									
72	28° 52.325N 97° 27.444W																																		
73	Cond. 1156, pH 7.3, Temp. 22																																		
74	100' depth																																		
75	WELL #15						ND	0.01																	124 mg/L	250									
76	28° 53.289N 97° 22.335W																																		
77	Cond. 1011, pH 7.4, Temp. 21.2																																		
78	130' depth																																		
79	WELL #16						0.001	0.01																	176 mg/L	250									
80	28° 53.205N 97° 22.374W																																		
81	Cond. 1160, pH 7.4, Temp. 20.4																																		
82	WELL #17						ND	0.01																	144 mg/L	250									
83	28° 49.180N 97° 17.027W																																		
84	Cond. 1130, pH 7.5 Temp. 22.5																																		
85	260' depth																																		
86	WELL #18						0.005	0.01																	142	250									
87	28° 49.873N 97° 23.858W																																		
88	Cond. 944, pH 7.3, Temp. 23.5																																		
89	7-23-07 Test		<.01	.05-.2			<.02	0.01	0.234	2									<.002	0.01	88	NECL			70	250	<.005	0.1			<.005	1.3	0.5	4	271
90	pH 6.68 Cond. 777																																		
91	8-13-07 Retest						0.008	0.01																	81.7	250									
92	Cond. 831, pH 7.3, Temp. 24.4																																		
93	WELL #19						0.011	0.01																	289	250									
94	28° 43.462N 97° 18.536W																																		
95	Cond. 1647, pH 7.5, Temp. 22.6																																		
96	136' depth																																		
97	WELL #20						0.011	0.01																	452	250									
98	28° 31.385N 97° 24.505W																																		
99	Cond. 2138, pH 7.0, Temp. 21.6																																		
100	257-278' depth																																		
101																																			

Date information received
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Lab Reports of
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
102	Testing Date 2-27-07																																		
103	WELL #1							0.01																		250									
104	28° 50.608N 97° 26.485W																																		
105	Cond. 1526, pH 7.2, Temp. 22.8																																		
106	220' depth																																		
107	WELL #2							0.01																		250									
108	28° 549.183N 97° 23.652W																																		
109	Cond. 1042, pH 7.2, Temp. 23.2																																		
110	WELL #3							0.01																		250									
111	28° 48.941N 97° 23.553W																																		
112	Cond. 828, pH 7.2, Temp. 23.2																																		
113	250' depth																																		
114	WELL #4							0.01																		250									
115	28° 49.074N 97° 23.630W																																		
116	Cond. 786, pH 7.2, Temp. 23.8																																		
117	210' depth																									250									
118	WELL #5							0.01																											
119	28° 53.206N 97° 21.698W																																		
120	Cond. 1169, pH 7.2, Temp. 23.1																																		
121	122' depth																									250									
122	WELL #6							0.01																											
123	28° 53.220N 97° 22.622W																																		
124	Cond. 923, pH 7.1, Temp. 23.0																																		
125	110' depth																									250									
126	WELL #7							0.01																											
127	28° 53.745N 97° 22.418W																																		
128	Cond. 1114, pH 7.0, Temp. 23.9																																		
129	105' depth																									250									
130	WELL #8							0.01																											
131	28° 53.476N 97° 22.952W																																		
132	Cond. 1505, pH 7.0, Temp. 24.8																																		
133	320' depth																									250									
134	WELL #9							0.01																											
135	28° 53.338N 97° 23.250W																																		
136	Cond. 1133, pH 7.2, Temp. 24.2																																		
137	320' depth																									250									
138	WELL #10							0.01																											
139	28° 53.795N 97° 24.307W																																		
140	Cond. 930, pH 7.0, Temp. 24.4																									250									
141	WELL #12							0.01																											
142	28° 50.863N 97° 26.727W																																		
143	Cond. 1889, pH 6.8, Temp. 23.3																																		
144																																			
145	Testing Date 3-1-07																								149	250									
146	WELL #14						0.01	0.01																											
147	28° 50.244N 97° 18.546W																																		
148	Cond. 1214, pH 6.9, Temp. 23.1																																		
149	110' depth																																		

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
150	WELL #15						0.009	0.01																	120	250									
151	28° 49.223N 97° 20.166W																																		
152	Cond. 1020, pH 7.0, Temp. 23.4																																		
153	125' depth																																		
154	WELL #16						0.005	0.01																	111	250									
155	28° 48.232N 97° 18.962W																																		
156	Cond. 994, pH 7.1, Temp. 23.8																																		
157	160' depth																																		
158	WELL #17						0.006	0.01																	174	250									
159	28° 48.446N 97° 18.644W																																		
160	Cond. 1444, pH 6.6, Temp. 24.1																																		
161	WELL #18						0.009	0.01																	155	250									
162	28° 47.908N 97° 19.896W																																		
163	Cond. 1153, pH 6.5, Temp. 23.6																																		
164	WELL #19						0.01	0.01																	160	250									
165	28° 47.816N 97° 19.878W																																		
166	Cond. 1158, pH 6.6, Temp. 23.4																																		
167	WELL #20						0.009	0.01																	139	250									
168	28° 47.624N 97° 19.792W																																		
169	Cond. 1075, pH 6.8, Temp. 24.0																																		
170	159' depth																																		
171	WELL #21						0.01	0.01																	118	250									
172	28° 47.367N 97° 19.758W																																		
173	Cond. 1026, pH 6.9, Temp. 23.9																																		
174	100' depth																																		
175	WELL #22						0.014	0.01																	250	250									
176	28° 44.020N 97° 20.853W																																		
177	Cond. 1432, pH 6.7, Temp. 23.8																																		
178	200' depth																																		
179	WELL #23						0.011	0.01																	476	250									
180	28° 44.051N 97° 20.360W																																		
181	Cond. 2236, pH 7.0, Temp. 24.0																																		
182	WELL #24						0.002	0.01																	168	250									
183	28° 44.107 97° 19.034W																																		
184	Cond. 1141, pH 6.8, Temp. 24.4																																		
185	150' depth																								118	250									
186	WELL #25						0.008	0.01																											
187	28° 46.048N 97° 17.227W																																		
188	Cond. 988, pH 6.9, Temp. 23.9																																		
189	125-150' depth																																		
190	WELL #26						0.009	0.01																	132	250									
191	28° 47.983N 97° 14.289W																																		
192	Cond. 1110, pH 6.8, Temp. 24.2																																		
193	WELL #28						0.003	0.01																	393	250									
194	28° 51.020N 97° 18.999W																																		
195	Cond. 1865, pH 7.0, Temp. 23.6																																		
196	115' depth																																		
197																																			

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
198	WELL #13							0.01																		250									
199	28° 41.429N 97° 17.791W																																		
200	Cond. 1313, pH 7.64, Temp. 24.54																																		
201																																			
202	Testing Date 5-7-07																																		
203	Sample # 105635						<.002	0.01																	102										
204	28° 50.077N 97° 20.897W																																		
205	pH 6.70 Cond. 869 Temp. 24.3																																		
206	Sample # 105636						0.004	0.01																	202										
207	28° 50.312N 97° 20.245W																																		
208	pH 6.63, Cond. 1098, Temp. 24.2																																		
209	Sample # 105637						0.002	0.01																	106										
210	28° 48.852N 97° 20.412W																																		
211	pH 6.69. Cond. 860, Temp. 24.9																																		
212	Sample # 105638						0.006	0.01																	118										
213	28° 48.127N 97° 20.827W																																		
214	pH 7.03, Cond. 885, Temp. 25.1																																		
215	Sample # 105639						0.004	0.01																	54.4										
216	28° 48.843N 97° 19.967W																																		
217	pH 6.92, Cond. 704, Temp. 24.5																																		
218	Sample # 105640						0.005	0.01																	347										
219	28° 47.627N 97° 20.164W																																		
220	pH 6.68, Cond. 1621, Temp. 24.5																																		
221	Sample # 105641						<.002	0.01																	98										
222	28° 44.160N 97° 20.727W																																		
223	pH 7.03, Cond. 906, Temp. 24.4																																		
224	200' depth																																		
225	Sample # 105642						0.004	0.01																	438										
226	28° 44.587N 97° 23.365W																																		
227	pH 6.77, Cond. 1581, Temp. 25.9																																		
228	125-135' depth																																		
229	Sample # 105643						<.002	0.01																	228										
230	28° 49.881N 97° 25.403W																																		
231	pH 6.98, Cond. 1099, Temp. 25.5																																		
232	173' depth																																		
233	Sample # 105644						<.002	0.01																	268										
234	28° 50.210N 97° 25.734W																																		
235	pH 7.20, Cond. 1217, Temp. 25.3																																		
236	Sample # 105645						<.002	0.01																	260										
237	28° 50.266N 97° 25.514W																																		
238	pH 7.07, Cond. 1277, Temp. 25.6																																		
239	200' depth																								270										
240	Sample # 105646						<.002	0.01																											
241	28° 50.375N 97° 25.237W																																		
242	pH 7.04, Cond. 1296, Temp. 26.4																																		
243	175' depth																								214										
244	Sample # 105647						<.002	0.01																											
245	28° 50.180N 97° 24.444W																																		

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2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
246	pH 7.17, Cond. 1133, Temp. 28.6																																		
247	318' depth																																		
248	Sample # 105648						0.003	0.01																	211										
249	28° 51.453N 97° 22.088W																																		
250	pH 7.23, Cond. 1057, Temp. 25.1																																		
251	185' depth																																		
252																																			
253	Testing Date 5-9-07																																		
254	Sample # 105775						<.002	0.01																	234										
255	28° 50.515N 97° 24.548W																																		
256	pH 6.97, Cond. 1224, Temp. 23.6																																		
257	180' depth																								135										
258	Sample # 105776						<.002	0.01																											
259	28° 50.274N 97° 29.544W																																		
260	pH 6.69, Cond. 1048, Temp. 24.3																								315										
261	Sample # 105777						<.002	0.01																											
262	28° 49.643N 97° 27.360W																																		
263	pH 6.88, Cond. 1356, Temp. 25.3																								369										
264	Sample # 105778						0.004	0.01																											
265	28° 50.063N 97° 28.030W																																		
266	pH 6.75, Cond. 1515, Temp. 25.2																																		
267	180' depth																								270										
268	Sample # 105779						<.002	0.01																											
269	28° 47.099N 97° 28.023W																																		
270	pH 6.88, Cond. 1323, Temp. 25.6																																		
271	360' depth																								270										
272	Sample # 105780						<.002	0.01																											
273	28° 47.152N 97° 28.065W																																		
274	pH 6.85, Cond. 1289, Temp. 24.7																																		
275	360' depth																								200										
276	Sample # 105781						<.002	0.01																											
277	28° 46.758N 97° 28.112W																																		
278	pH 6.94, cond. 1083, Temp. 26																																		
279	screened 320-380'																								365										
280	Sample # 105782						0.003	0.01																											
281	28° 51.751N 97° 30.235W																																		
282	pH 6.89, Cond. 1474, Temp. 25.1																																		
283	205-215' depth																								393										
284	Sample # 105783						<.002	0.01																											
285	28° 50.850N 97° 26.945W																																		
286	pH 7.11, Cond. 1539, Temp. 24.5																								692										
287	Sample # 105784						0.005	0.01																											
288	28° 51.892N 97° 27.725W																																		
289	pH 6.86, Cond. 2180, Temp. 24.8																																		
290	152' depth water level 48'																								323										
291	Sample # 105785						<.002	0.01																											
292	28° 51.680N 97° 26.899 W																																		
293	pH 7.08, Cond.1394, Temp. 26.0																																		

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Berylium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
294	Sample # 105786						<.002	0.01																	284										
295	28° 51.710N 97° 26.704W																																		
296	pH 6.91																																		
297	292' depth																								254	250									
298	Sample # 105787						0.008	0.01																											
299	28° 52.476N 97° 26.306W																																		
300	pH 6.70 Cond.1425																								24.4										
301	Sample # 105788						0.007	0.01																											
302	28° 53.7499N 97° 26.193W																																		
303	pH 7.09, Cond. 600, Temp. 23.6																																		
304	38.7' depth																								144										
305	Sample # 105789						0.003	0.01																											
306	28° 53.842N 97° 25.403W																																		
307	pH 7.05, Cond. 1005, Temp. 25.1																																		
308	49' depth																								295										
309	Sample # 105790						<.002	0.01																											
310	28° 51.485N 97° 25.340W																																		
311	pH 7.02, Cond.1305, Temp. 25.2																																		
312																																			
313	Testing Date 5-21-07																																		
314	Sample # 106011						0.007	0.01																	146										
315	28° 46.309N 97° 17.7421W																																		
316	pH 6.71, Cond. 1059, Temp. 24.4																																		
317	165' depth																								154										
318	Sample # 106012						0.002	0.01																											
319	28° 46.44N 97° 17.963W																																		
320	pH 6.82, Cond. 1146, Temp. 24																																		
321	320' depth																								99										
322	Sample # 106013						0.006	0.01																											
323	28° 48.353N 97° 16.889W																																		
324	pH 6.69, Cond.972, Temp. 24.1																								136										
325	Sample # 106014						0.007	0.01																											
326	28° 48.486N 97° 16.757W																																		
327	pH 6.67, Cond. 1177, Temp. 24.6																								95										
328	Sample # 106015						0.005	0.01																											
329	28° 48.399N 97° 16.428W																																		
330	pH6.86, Cond. 955, Temp. 24.2																								201										
331	Sample # 106016						<.002	0.01																											
332	28° 50.421N 97° 18.347W																																		
333	pH6.86, Cond. 1113, Temp. 23.9																																		
334	Test on 6-27-07		0.063	.05-.2			<.02	0.01	0.106	2									<.002	0.01	112	NECL			192		<.005	0.1			0.02	1.3	<.05	4	
335	pH7.02, Cond.1306,																								159										
336	Sample # 106017						0.003	0.01																											
337	28° 48.258N 97° 19.893W																																		
338	pH 6.68, Cond. 1135, Temp. 23.8																																		
339	140' depth																								90										
340	Sample # 106018						0.018	0.01																											
341	28° 41.558N 97° 24.529W																																		

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2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
342	pH 6.85, Cond.948, Temp. 24.6																																		
343	Sample # 106019						0.009	0.01																	100										
344	28° 41.619N 97° 24.451W																																		
345	pH 6.98, Cond.1070, 24.3																																		
346	Sample # 106020						0.012	0.01																	157										
347	28° 40.602N 97° 23.076W																																		
348	pH 6.73, Cond. 1031, Temp. 24.2																																		
349	Sample # 106021						<.002	0.01																	430										
350	28° 39.903N 97° 27.733W																																		
351	pH 6.94 Cond. 1702, Temp. 24.2																																		
352	Sample # 106022						<.002	0.01																	327										
353	no gps - FM 2043																																		
354	pH 7.01, Cond. 1474, Temp. 24.4																																		
355	Sample # 106023						<.002	0.01																	342										
356	no gps - FM 883																																		
357	pH 7.9, Cond. 1335, Temp. 25.2																																		
358	Sample # 106024						0.023	0.01																	145										
359	no gps - FM 883																																		
360	pH 7.07 Cond.1188 Temp. 25.2																																		
361	Sample # 106025						<.002	0.01																	226										
362	28° 37.797N 97° 39.949W																																		
363	pH 7.05, Cond.1267, Temp. 25.3																																		
364																																			
365	Testing Date 6-20-07																																		
366	Sample # 106749						0.005	0.01																	120	250									
367	28° 41.15N 97° 17.18W																																		
368	pH 7.08 Cond. 1095, Temp. 24.4																																		
369	240' depth																																		
370	Sample # 106750						0.01	0.01																	200	250									
371	28° 43.968N 97° 17.891W																																		
372	pH 6.68 Cond.1364, Temp. 24.7																																		
373	<100' depth																																		
374	Sample # 106751						0.005	0.01																	300	250									
375	28° 43.732N 97° 18.110W																																		
376	pH 6.71, Cond.1321, Temp. 25.1																																		
377	228' depth																																		
378	Sample # 106752						0.008	0.01																	120	250									
379	28° 37.930N 97° 21.773W																																		
380	pH 6.74, Cond. 1052, Temp. 25.1																																		
381	300'+ depth																																		
382	Sample # 106753						0.003	0.01																	350	250									
383	28° 42.591N 97° 31.146W																																		
384	pH 6.8, Cond.1466, Temp. 25.4																																		
385	Sample # 106754						0.007	0.01																	315	250									
386	28° 45.126N 97° 31.443W																																		
387	pH 6.73, Cond.1317, Temp. 25.8																																		
388	Sample # 106755																																		
389	28° 46.555N 97° 28.581W						<.002	0.01																	205	250									

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2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Berylium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Coppor	EPA	Fluoride	EPA	Tot. Hard.
390	pH 6.95, Cond. 1216, Temp. 26.0																																		
391	300' depth, 45' water level																																		
392	Sample # 106756						<.002	0.01																	815	250									
393	28° 50.869N 97° 26.983W																																		
394	pH 6.75, Cond.2460, Temp. 25.1																																		
395	Sample # 106757						0.005	0.01																	74	250									
396	28° 50.307N 97° 23.084W																																		
397	pH 7.0, Cond. 932, Temp. 25.2																																		
398	Sample # 106758						0.011	0.01																	165	250									
399	28° 51.707N 97° 18.885W																																		
400	pH 6.75, Cond. 1251, Temp. 25.1																																		
401	120' depth																																		
402	Sample # 106759						0.006	0.01																	120	250									
403	28° 50.451N 97° 20.100W																																		
404	pH 6.8, Cond. 1088, Temp. 24.9																																		
405	85' depth																																		
406	Sample # 106760						0.004	0.01																	82	250									
407	28° 50.408N 97° 19.862W																																		
408	pH 6.77, Cond.861, Temp. 26																																		
409	Sample # 106761						0.004	0.01																	100	250									
410	28° 50.452N 97° 19.691W																																		
411	pH 6.94, Cond. 973, Temp. 25.1																																		
412	130' depth																																		
413	Sample # 106762						0.005	0.01																	155	250									
414	28° 49.459N 97° 20.105W																																		
415	pH 6.78, Cond. 1020, Temp. 25.4																																		
416	230' depth																																		
417	Sample # 106763						0.006	0.01																	69	250									
418	28° 50.805N 97° 19.545W																																		
419	pH 6.98, Cond.884, Temp. 25.1																																		
420	Sample # 106764						<.002	0.01																	150	250									
421	Victoria County																																		
422	pH 6.68, cond. 1179, Temp. 25.1																																		
423																																			
424	Testing Date 7-30-07																																		
425	Sample # 107757						0.003	0.01																	118	250									
426	28° 45.092N 97° 12.726W																																		
427	Cond. 959, Temp. 24, pH 6.88																																		
428	Sample # 107758						0.007	0.01																	202										
429	28° 44.951N 97° 12.737W																																		
430	Cond. 1246,pH 7.08, Temp. 25.1																																		
431	Sample # 107759						0.004	0.01																	193										
432	28° 43.337N 97° 18.047W																																		
433	Cond. 1106, pH 7.36, Temp. 24.6																																		
434	Sample # 107760						0.007	0.01																	50.1	250									
435	28° 40.502N 97° 22.356W																																		
436	Cond. 701, Temp. 24.1, pH 7.31																																		
437	Sample # 107761						0.005	0.01																	167	250									

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper EPA		Fluoride	EPA	Tot. Hard.
438	28° 48.913N 97° 17.913W																																		
439	Cond. 1076, pH 7.26, Temp. 24.2																								106	250									
440	Sample #107762						<.002	0.01																											
441	28° 50.550N 97° 17.888W																																		
442	Cond. 836, Temp. 24, pH 7.11																								91	250									
443	Sample # 107763						<.002	0.01																											
444	28° 50.312N 97° 19.934W																																		
445	Cond. 833, pH 7.27, Temp. 39.1																								159	250									
446	Sample # 107764						<.002	0.01																											
447	28° 51.605N 97° 19.331W																																		
448	Cond. 1080, Temp. 23.5, pH 7.26																																		
449																																			
450	Testing Date 8-13-07																								164	250									
451	Sample # 108245						0.003	0.01																											
452	28° 49.430N 97° 17.346W																																		
453	Cond. 1060 pH 6.95, Temp. 24.2																																		
454	200' depth																								76.5	250									
455	Sample # 108246						0.007	0.01																											
456	28° 44.166N 97° 19.824W																																		
457	Cond. 742 pH 7.65, Temp. 24.3																																		
458	PVC casing 225' depth																								115	250									
459	Sample # 108247						0.004	0.01																											
460	28° 47.015N 97° 21.738W																																		
461	Cond 920 pH 7.22, Temp. 24.1																																		
462	160' depth PVC casing																								238	250									
463	Sample # 108248						<.002	0.01																											
464	28° 50.876N 97° 24.819W																																		
465	Cond. 1281 pH 7.35, Temp. 24.8																																		
466	PVC Casing																								434	250									
467	Sample # 108249						0.013	0.01																											
468	28° 54.327N 97° 26.107W																																		
469	Cond. 2148 pH 7.09, Temp. 25.3																																		
470	PVC casing																								236	250									
471	Sample # 108250						<.002	0.01																											
472	28° 48.979 N 97° 24.635 W																																		
473	Cond. 1283, pH 7.56																																		
474	280' depth																								108	250									
475	Sample # 108251						0.008	0.01																											
476	28° 48.162N 97° 26.104W																																		
477	Cond. 864 pH 7.38, Temp. 25.1																								134										
478	Sample # 108252						<.002																												
479	28° 44.967N 97° 25.033W																																		
480	Cond. 943 pH 7.32, Temp. 24.8																																		
481	200' depth																								183										
482	Sample # 108253						<.002																												
483	28° 48.895N 97° 24.574W																																		
484	Cond. 1190 pH 7.22, Temp. 24.9																								81.7	250									
485	Sample # 108254						<.008	0.01																											

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2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
486	28° 49.973N 97° 23.856W																																		
487	Cond. 831, pH 7.30, Temp. 24.4																																		
488																																			
489	Testing Date 9-10-07																								197	250									
490	Sample # 108952						0.005																												
491	28° 52.048N 97° 22.546W																																		
492	Gamma .05																																		
493	Cond. 1020, pH 7.03, Temp. 25.1																																		
494	204' depth, water level 60'																								249	500									
495	Sample # 108953						0.016																												
496	28° 52.387N 97° 22.74W																																		
497	Gamma .1, Cond. 13.38, pH 7.1																																		
498	Temp. 24.6																								211	250									
499	Sample # 108954						<.002																												
500	28° 51.784N 97° 25.535W																																		
501	Gamma .08, 265' depth																																		
502	Cond. 1098, pH 7.17, Temp. 24.8																								250	250									
503	Sample # 108955						<.002																												
504	28° 51.295N 97° 25.551W																																		
505	Gamma .08, Cond. 1188, pH 7.18																																		
506	Temp. 24.2																								266	250									
507	Sample # 108956						<.002																												
508	28° 51.879N 97° 25.730W																																		
509	Cond. 1231, pH 7.21, Temp. 24.8																																		
510	Gamma .07																								256	250									
511	Sample # 108957						<.002																												
512	28° 50.274N 97° 26.283W																																		
513	Gamma .1, Cond. 1208, pH 7.25																																		
514	Temp. 24.6																								273	250									
515	Sample # 108958						0.003																												
516	28° 50.087N 97° 26.135W																																		
517	Gamma .07, Cond. 1271 pH 7.21																																		
518	Temp. 24.3																								254	250									
519	Sample # 108959						0.007																												
520	28° 51.359N 97° 27.155W																																		
521	Gamma .07, Cond. 1335, pH 7.18																																		
522	Temp. 25.1																								197	250									
523	Sample # 108960						<.002																												
524	28° 53.238N 97° 26.908W																																		
525	Gamma .08, Cond. 1090, pH 7.20																																		
526	Temp 25.1																								80.2	250									
527	Sample # 108961						0.008																												
528	28° 50.238N 97° 31.3618W																																		
529	Gamma .07, Cond. 734, pH 7.31																																		
530	Temp. 24.2																								336	250									
531	Sample # 108962						0.003																												
532	28° 47.621N 97° 29.339W																																		
533	Gamma .08, Cond. 785 pH 7.3																																		
534	Temp. 24.9																								92.7	250									
535	Sample # 108963						0.005																												

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2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Beryllium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
536	28° 47.621N 97° 29.477W																																		
537	Gamma .08, Cond. 785, pH 7.3																																		
538	Temp. 25.2																																		
539	Sample # 108964						<.002																		340	250									
540	28° 51.825N 97° 26.892W																																		
541	Cond. 1438, pH 7.25, Temp. 25.3																																		
542	Coliform Test done - Results Present																																		
543																																			
544	Testing Date 10-1-07																																		
545	Sample # 109625						0.012																		81.7	250									
546	28° 42.118N 97° 24.555W																																		
547	Cond. 829, pH 7.26, Temp. 25.1																																		
548	Sample # 109626						<0.002																		149	250									
549	28° 41.736N 97° 23.415W																																		
550	Cond. 1060, pH 7.11, Temp. 24.9																																		
551	Sample # 109627						0.014																		31.4	250									
552	no gps - Hennig Road																																		
553	Cond. 612, pH 7.41, Temp. 25.7																																		
554	Sample # 109628						<0.002																		229	250									
555	28° 50.642N 97° 23.880W																																		
556	Cond. 1268, pH 7.29, Temp. 24.6																																		
557	Gamma .07																																		
558	Sample # 109629						0.003																		96.2	250									
559	28° 50.010N 97° 23.772W																																		
560	Cond. 752, pH 7.5, Temp. 25.2																																		
561	Gamma .06 steel casing																																		
562	Sample # 109630						0.004																		109	250									
563	28° 54.053N 97° 21.444W																																		
564	Cond 892, pH 7.08, Temp. 24.9																																		
565	Gamma .07 - 250' depth pvc																																		
566	Sample # 109631						0.004																		84	250									
567	28° 49.877N 97° 19.980W																																		
568	250' depth, 82.7 water level																																		
569	Cond 844, pH 7.15, Temp. 24.9																																		
570	Gamma .08																																		
571	Sample # 109632						<0.002																		194	250									
572	28° 49.286N 97° 19.578W																																		
573	Depth 250' water level 63.2																																		
574	Cond. 1215, pH 7.10, Temp. 25.1																																		
575	Gamma .06																																		
576	Sample # 109633						0.006																		149	250									
577	28° 48.199N 97° 19.493W																																		
578	Cond. 1086, pH 6.95, Temp. 24.8																																		
579	Gamma .06																																		
580	Sample # 109634						<0.002																		173	250									
581	28° 47.938N 97° 18.892W																																		
582	Cond. 1177, pH 7.04, Temp. 25.6																																		
583	Gamma .08																																		
584	Sample # 109635						0.006																		151	250									
585	28° 44.906N 97° 21.256W																																		

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
2	Well # or Name	Alkalinity	Aluminum	EPA	Antimony	EPA	Arsenic	EPA	Barium	EPA	Berylium	EPA	Bicarbonate	EPA	Boron	EPA	Bromide	EPA	Cadmium	EPA	Calcium	EPA	Carbonate	EPA	Chloride	EPA	Chromium	EPA	Cobalt	EPA	Copper	EPA	Fluoride	EPA	Tot. Hard.
586	Cond. 1042, pH 7.02, Temp. 25.2																																		
587	Gamma .07																																		
588	Sample # 109636						0.009																		161	250									
589	28° 44.879N 97° 21.192W																																		
590	Cond. 1048, pH 7.00, Temp. 25.4																								85.8	250									
591	Sample # 109637						0.008																												
592	28° 42.438N 97° 23.451W																																		
593	Cond. 846, pH 7.01, Temp. 25.4																								134	250									
594	Sample # 109638						0.006																												
595	28° 47.337N 97° 18.080W																																		
596	Depth 165-175 ' Gamma .1																																		
597	Cond. 1024, pH 7.03, Temp. 25.1																																		
598																																			
599	Testing Date 10-4-07																																		
600	Sample # 109744						0.01																		96.4	250									
601	28° 53.622N 97° 25.76W																																		
602	Depth 100-150' Cond. 893																																		

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	A	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT
1																			Nitrite																			
2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
3																																						
4	Independent Test 7-11-06																																					
5	Sample # 7921911		0.03	0.3	0	0.02	0.036	NECL	31.2	NECL	0.001	0.05			0.002	NECL			5.31	10			3.8	NECL	0.005	0.05	36.8	NECL					1.14	NECL	65	250	728	500
6	no gps - 63 Dondo Lane																																					
7	pH 6.94,Cond. 991, Temp. 25																																					
8	Independent Test 9-25-06																																					
9	Sample # 98913	NECL	<.01	0.3	<.01	0.02			26.7	NECL			<.0005	0					0.7	10	0.426	NECL			<.03	0.05			<.007	0.1					52	250	684	
10	no gps - Post Oak Road																																					
11	pH 7.42, Cond.1005																																					
12	Sample # 98914								1072	NECL																												
13	same location as above																																					
14	Independent Test 11-6-06																																		182	250	603	500
15	Sample # 0611056										0.002	0.05																										
16	no gps - Kilgore Road																																					
17	Independent Test 7-23-07																																					
18	Sample # 107553		0.2	0.3															1.2	10					0.004	0.1									28.7		680	500
19	no gps -																																					
20	Cond. 1247, pH 7.33																																					
21	160' depth																																					
22	Independent Test 7-27-07																																					
23	Customer ID # 423844																																					
24	no gps - East Hennig Road																																					
25	GBRA Lab																																					
26																																						
27	Testing Date 2-13-07																																		29	250	708	500
28	WELL #1																		2.8	10					0.007	0.05												
29	28° 51.494W 97° 20.707W																																					
30	80' depth																																					
31	WELL #2																		ND	10					0.001	0.05									19	250	612	500
32	28° 51.308N 97° 19.942W																																					
33	O & G Sup. Well 465'depth																																					
34	UEC 02/13/07		0.02	<.001	<.001				12		0.01		<.0002		<.01		ND		1.2	10			2		0.012	0.05	42		ND		49				35	250	543	500
35	Cond. 988, pH 7.38																																					
36	WELL #3																		1	10					0.002	0.05									26	250	558	500
37	28° 48.403N 97° 19.795W																																					
38	160' depth																																					
39	WELL #4																		0.4	10					0.002	0.05									50	250	688	500
40	28° 48.189N 97° 19.889W																																					
41	250' depth																																					
42	pump set at 120'																																					
43	WELL #5																		0.4	10					0.003	0.05									17	250	542	500
44	28° 49.956N 97° 18.625W																																					
45	165' depth																																					
46	WELL #6																		ND	10					0.001	0.05									2	250	466	500
47	28° 50.705N 97° 14.191W																																					
48	145' depth																																					
49	WELL #7																		ND	10					0.001	0.05									28	250	570	500
50	28° 51.237N 97° 14.582W																																					
51	167' depth																																					

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	A	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT
2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
52	WELL #8																		0.7	10					0.003	0.05									30	250	576	500
53	28° 45.075N 97° 19.485W																																					
54	280' depth																		0.6	10					0.001	0.05									29	250	539	500
55	WELL #9																																					
56	28° 44.289N 97° 20.559W																																					
57	220' depth																		12.7	10					0.011	0.05									150	250	1390	500
58	WELL #10																																					
59	28° 44.444N 97° 21.269W																																					
60	200' depth																		0.8	10					0.001	0.05									17	250	406	500
61	WELL #11																																					
62	28° 47.894N 97° 25.085W																		ND	10					0.005	0.05									45	250	862	500
63	WELL #12																																					
64	28° 46.388N 97° 23.267W																																					
65																																						
66	Testing Date 2-14-07																		1.9 mg/l	10					0.004	0.05									39	250	596	500
67	WELL #13																																					
68	28° 45.894N 97° 27.546W																																					
69	Cond. 1148, pH 7.3, Temp. 22																																					
70	100' depth																		2	10					0.003	0.05									30	250	638	500
71	WELL #14																																					
72	28° 52.325N 97° 27.444W																																					
73	Cond. 1156, pH 7.3, Temp. 22																																					
74	100' depth																		1.8	10					0.003	0.05									39	250	520	500
75	WELL #15																																					
76	28° 53.289N 97° 22.336W																																					
77	Cond. 1011, pH 7.4, Temp. 21.2																																					
78	130' depth																		1.8	10?					0.003	0.05									40	250	608	500
79	WELL #16																																					
80	28° 53.205N 97° 22.374W																																					
81	Cond. 1160, pH 7.4, Temp. 20.4																		ND	10?					0.002	0.05									41	250	542	500
82	WELL #17																																					
83	28° 49.180N 97° 17.027W																																					
84	Cond. 1130, pH 7.5 Temp. 22.5																																					
85	260' depth																		1.9	10?					0.002	0.05									17	250	534	500
86	WELL #18																																					
87	28° 49.873N 97° 23.858W																																					
88	Cond. 944, pH 7.3, Temp. 23.5																																					
89	7-23-07 Test	NECL	<.01	0.3	<.01	0.02			12.5	NECL			<.0002	0					4.4	10	<.32	NECL			<.03	0.05			<.007	0.1	57	NECL			10.8	250	382	500
90	pH 6.68 Cond. 777																																					
91	8-13-07 Retest																																					
92	Cond. 831, pH 7.3, Temp. 24.4																		0.5	10?					0.007	0.05									57	250	902	500
93	WELL #19																																					
94	28° 43.462N 97° 18.536W																																					
95	Cond. 1647, pH 7.5, Temp. 22.6																																					
96	136' depth																		1.1	10?					0.008	0.05									63	250	1160	500
97	WELL #20																																					
98	28° 31.385N 97° 24.505W																																					
99	Cond. 2138, pH 7.0, Temp. 21.6																																					
100	257-278' depth																																					
101																																						

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2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
102	Testing Date 2-27-07																			10						0.05										250		500
103	WELL #1																																					
104	28° 50.608N 97° 26.485W																																					
105	Cond. 1526, pH 7.2, Temp. 22.8																																					
106	220' depth																			10						0.05										250		500
107	WELL #2																																					
108	28° 549.183N 97° 23.652W																																					
109	Cond. 1042, pH 7.2, Temp. 23.2																			10						0.05										250		500
110	WELL #3																																					
111	28° 49.941N 97° 23.553W																																					
112	Cond. 828, pH 7.2, Temp. 23.2																																					
113	250' depth																			10						0.05										250		500
114	WELL #4																																					
115	28° 49.074N 97° 23.630W																																					
116	Cond. 786, pH 7.2, Temp. 23.8																																					
117	210' depth																			10						0.05										250		500
118	WELL #5																																					
119	28° 53.206N 97° 21.698W																																					
120	Cond. 1169, pH 7.2, Temp. 23.1																																					
121	122' depth																			10						0.05										250		500
122	WELL #6																																					
123	28° 53.220N 97° 22.622W																																					
124	Cond. 923, pH 7.1, Temp. 23.0																																					
125	110' depth																			10						0.05										250		500
126	WELL #7																																					
127	28° 53.745N 97° 22.418W																																					
128	Cond. 1114, pH 7.0, Temp. 23.9																																					
129	105' depth																			10						0.05										250		500
130	WELL #8																																					
131	28° 53.476N 97° 22.952W																																					
132	Cond. 1505, pH 7.0, Temp. 24.8																																					
133	320' depth																			10						0.05										250		500
134	WELL #9																																					
135	28° 53.338N 97° 23.250W																																					
136	Cond. 1133, pH 7.2, Temp. 24.2																																					
137	320' depth																			10						0.05										250		500
138	WELL #10																																					
139	28° 53.795N 97° 24.307W																																					
140	Cond. 930, pH 7.0, Temp. 24.4																			10						0.05										250		500
141	WELL #12																																					
142	28° 50.863N 97° 26.727W																																					
143	Cond. 1889, pH 6.8, Temp. 23.3																																					
144																																						
145	Testing Date 3-1-07																		2.7	10?					0.004	0.05									76	250	716	500
146	WELL #14																																					
147	28° 50.244N 97° 18.546W																																					
148	Cond. 1214, pH 6.9, Temp. 23.1																																					
149	110' depth																																					

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2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
150	WELL #15																		0.7	10?					0.003	0.05									31	250	576	500
151	28° 49.223N 97° 20.166W																																					
152	Cond. 1020, pH 7.0, Temp. 23.4																																					
153	125' depth																		1.5	10?					0.003	0.05									35	250	556	500
154	WELL #16																																					
155	28° 48.232N 97° 18.962W																																					
156	Cond. 994, pH 7.1, Temp. 23.8																																					
157	160' depth																		6.1	10					0.006	0.05									85	250	838	500
158	WELL #17																																					
159	28° 48.446N 97° 18.644W																																					
160	Cond. 1444, pH 8.6, Temp. 24.1																		0.7	10					0.003	0.05									34	250	678	500
161	WELL #18																																					
162	28° 47.908N 97° 19.896W																																					
163	Cond. 1163, pH 6.5, Temp. 23.6																		0.6	10					0.003	0.05									35	250	680	500
164	WELL #19																																					
165	28° 47.818N 97° 19.878W																																					
166	Cond. 1158, pH 6.6, Temp. 23.4																		0.8	10					0.003	0.05									35	250	632	500
167	WELL #20																																					
168	28° 47.624N 97° 19.792W																																					
169	Cond. 1075, pH 6.8, Temp. 24.0																																					
170	159' depth																		1	10					0.002	0.05									34	250	594	500
171	WELL #21																																					
172	28° 47.367N 97° 19.768W																																					
173	Cond. 1028, pH 6.9, Temp. 23.0																																					
174	100' depth																		0.6	10					0.004	0.05									53	250	654	500
175	WELL #22																																					
176	28° 44.020N 97° 20.853W																																					
177	Cond. 1432, pH 6.7, Temp. 23.8																																					
178	200' depth																		0.8	10					0.007	0.05									87	250	1260	500
179	WELL #23																																					
180	28° 44.051N 97° 20.360W																																					
181	Cond. 2236, pH 7.0, Temp. 24.0																		0.8	10					0.003	0.05									38	250	650	500
182	WELL #24																																					
183	28° 44.107 97° 19.034W																																					
184	Cond. 1141, pH 6.8, Temp. 24.4																																					
185	150' depth																		0.5	10					0.004	0.05									36	250	562	500
186	WELL #25																																					
187	28° 46.048N 97° 17.227W																																					
188	Cond. 988, pH 6.9, Temp. 23.9																																					
189	125-150' depth																		0.5	10					0.002	0.05									33	250	656	500
190	WELL #26																																					
191	28° 47.983N 97° 14.288W																																					
192	Cond. 1110, pH 6.8, Temp. 24.2																		ND	10					0.002	0.05									53	250	1060	500
193	WELL #28																																					
194	28° 51.020N 97° 18.999W																																					
195	Cond. 1865, pH 7.0, Temp. 23.6																																					
196	115' depth																																					
197																																						

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2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
198	WELL #13																			10						0.05										250		500
199	28° 41.429N 97° 17.791W																																					
200	Cond. 1313, pH 7.64, Temp. 24.54																																					
201																																						
202	Testing Date 5-7-07																		.7 +.006						<.003										54.7		526	
203	Sample # 105635		0.11	0.3																																		
204	28° 50.077N 97° 20.897W																																					
205	pH 6.70 Cond. 869 Temp. 24.3																		2.9 +.006						<.003										27.3		874	
206	Sample # 105636		0.02	0.3																																		
207	28° 50.312N 97° 20.245W																																					
208	pH 6.63, Cond. 1098, Temp. 24.2																		1 +.006						<.003										24		544	
209	Sample # 105637		<.01	0.3																																		
210	28° 48.852N 97° 20.412W																																					
211	pH 6.69, Cond. 860, Temp. 24.9																		1.1 +<.005						<.003										- 31.7		574	
212	Sample # 105638		<.01	0.3																																		
213	28° 48.127N 97° 20.827W																																					
214	pH 7.03, Cond. 885, Temp. 25.1																		14.6 +<.005						<.003										17.3		434	
215	Sample # 105639		0.07	0.3																																		
216	28° 48.843N 97° 19.967W																																					
217	pH 6.92, Cond. 704, Temp. 24.5																		4.7 +.005						<.003										132		1226	
218	Sample # 105640		<.01	0.3																																		
219	28° 47.627N 97° 20.164W																																					
220	pH 6.68, Cond. 1621, Temp. 24.5																		.9 +<.005						<.003										26		630	
221	Sample # 105641		<.01	0.3																																		
222	28° 44.160N 97° 20.727W																																					
223	pH 7.03, Cond. 906, Temp. 24.4																																					
224	200' depth																																					
225	Sample # 105642		0.01	0.3															1.2 +<.005						0.005										52.8		1422	
226	28° 44.587N 97° 23.365W																																					
227	pH 6.77, Cond. 1581, Temp. 25.9																																					
228	125-135' depth																																					
229	Sample # 105643		0.06	0.3															.8 +<.005						<.003										29.2		598	
230	28° 49.881N 97° 25.403W																																					
231	pH 6.98, Cond. 1099, Temp. 25.5																																					
232	173' depth																																					
233	Sample # 105644		0.02	0.3															1.4 +.005						<.003										40		724	
234	28° 50.210N 97° 25.734W																																					
235	pH 7.20, Cond. 1217, Temp. 25.3																																					
236	Sample # 105645		0.02	0.3															1.4 +.005						<.003										50.2		786	
237	28° 50.266N 97° 25.514W																																					
238	pH 7.07, Cond. 1277, Temp. 25.6																																					
239	200' depth																																					
240	Sample # 105646		0.02	0.3															1.4 +.006						<.003										46		760	
241	28° 50.375N 97° 25.237W																																					
242	pH 7.04, Cond. 1296, Temp. 26.4																																					
243	175' depth																																					
244	Sample # 105647		0.01	0.3															1.6 +.007						<.003										36.1		632	
245	28° 50.180N 97° 24.444W																																					

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2	Well # or Name	EPA	Iron	EPA	Load	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
246	pH 7.17, Cond. 1133, Temp. 28.6																																					
247	318' depth																		1.2 +.006						<.003										34.3		594	
248	Sample # 105648		<.01	0.3																																		
249	28° 51.463N 97° 22.088W																																					
250	pH 7.23, Cond. 1057, Temp. 25.1																																					
251	185' depth																																					
252																																						
253	Testing Date 5-9-07																		6.2+<.01						<.003										41.6		646	
254	Sample # 105775		0.83	0.3																																		
255	28° 50.615N 97° 24.548W																																					
256	pH 6.97, Cond. 1224, Temp. 23.6																																					
257	180' depth																		3.3+<.1						<.003										57.5		678	
258	Sample # 105776		0.02	0.3																																		
259	28° 50.274N 97° 29.544W																																					
260	pH 6.69, Cond. 1048, Temp. 24.3																		<.1+<.1						<.003										37.4		868	
261	Sample # 105777		0.29																																			
262	28° 49.643N 97° 27.360W																																					
263	pH 6.88, Cond. 1356, Temp. 25.3																		2.9+<.01						<.003										56.6		1116	
264	Sample # 105778		0.39																																			
265	28° 50.063N 97° 28.030W																																					
266	pH 6.75, Cond. 1515, Temp. 25.2																																					
267	180' depth																																					
268	Sample # 105779		0.17																4.4+<.1						<.003										42.5		814	
269	28° 47.099N 97° 28.023W																																					
270	pH 6.88, Cond. 1323, Temp. 25.6																																					
271	360' depth																																					
272	Sample # 105780		0.19																4.5+<.01						<.003										42.3		750	
273	28° 47.152N 97° 28.065W																																					
274	pH 6.85, Cond. 1289, Temp. 24.7																																					
275	360' depth																																					
276	Sample # 105781		<.01																3.6+<.1						<.003										39.3		692	
277	28° 46.768N 97° 28.112W																																					
278	pH 6.94, cond. 1083, Temp. 26																																					
279	screened 320-380'																																					
280	Sample # 105782		<.01																4.5+<.1						<.003										56.5		1220	
281	28° 51.751N 97° 30.235W																																					
282	pH 6.89, Cond. 1474, Temp. 25.1																																					
283	205-215' depth																																					
284	Sample # 105783		0.09																5.1+<.1						<.003										32.2		1188	
285	28° 50.850N 97° 26.945W																																					
286	pH 7.11, Cond. 1539, Temp. 24.5																																					
287	Sample # 105784		0.19																3.5+<.1						0.004										76.9		1798	
288	28° 51.692N 97° 27.725W																																					
289	pH 6.86, Cond. 2180, Temp. 24.8																																					
290	152' depth water level 48'																																					
291	Sample # 105785		0.21																4.9+<.1						0.004										34.4		828	
292	28° 51.680N 97° 26.899 W																																					
293	pH 7.08, Cond.1394, Temp. 26.0																																					

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	A	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT
		EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
2	Well # or Name																																					
294	Sample # 105786		0.12																5+<.1						0.004										35.1		7792	
295	28° 51.710N 97° 26.704W																																					
296	pH 8.91																																					
297	292' depth																		60.2+.1	10					<.003										49		970	
298	Sample # 105787		0.17																																			
299	28° 52.476N 97° 26.306W																																					
300	pH 6.70 Cond.1425																		<.1+<.1						<.003										8.8		312	
301	Sample # 105788		2.1																																			
302	28° 53.7499N 97° 26.193W																																					
303	pH 7.09, Cond. 600, Temp. 23.6																																					
304	38.7' depth																		4+<.1						<.003										40.2		574	
305	Sample # 105789		2.68																																			
306	28° 53.642N 97° 25.403W																																					
307	pH 7.05, Cond. 1005, Temp. 25.1																																					
308	49' depth																		6.2+<.1						0.003										28.6		830	
309	Sample # 105790		0.02																																			
310	28° 51.485N 97° 25.340W																																					
311	pH 7.02, Cond.1305, Temp. 25.2																																					
312																																						
313	Testing Date 5-21-07																		2.7+<.1						<.003										34		668	
314	Sample # 106011		<.01																																			
315	28° 46.309N 97° 17.7421W																																					
316	pH 6.71, Cond. 1059, Temp. 24.4																																					
317	165' depth																		3.4+<.1						<.003										48.8		582	
318	Sample # 106012		0.04																																			
319	28° 46.44N 97° 17.963W																																					
320	pH 6.82, Cond. 1146, Temp. 24																																					
321	320' depth																																					
322	Sample # 106013		0.04	0.3															2.5+<.1						<.003										51.4		494	
323	28° 48.353N 97° 16.889W																																					
324	pH 6.69, Cond.972, Temp. 24.1																																					
325	Sample # 106014		<.01																2.1+<.1						<.003										66.1		658	
326	28° 48.486N 97° 16.757W																																					
327	pH 6.67, Cond. 1177, Temp. 24.6																																					
328	Sample # 106015		<.01																2.7+<.1						<.003										38.6		502	
329	28° 48.399N 97° 16.428W																																					
330	pH6.86, Cond. 955, Temp. 24.2																																					
331	Sample # 106016		0.08																5.8+<.1						0.004										42.5		666	
332	28° 50.421N 97° 18.347W																																					
333	pH6.86, Cond. 1113, Temp. 23.9																																					
334	Test on 6-27-07		0.03		<.01	0.02				23.3	NECL		<.0002	0					7.2	10	<10	NECL			<.03	0.05			<.007	0.1	130	NECL			49.2		654	
335	pH7.02, Cond.1306,																																					
336	Sample # 106017		0.46																1.5+<.1	10					<.003	0.1									34.6		648	
337	28° 48.258N 97° 19.893W																																					
338	pH 6.68, Cond. 1135, Temp. 23.8																																					
339	140' depth																																					
340	Sample # 106018		0.03																3.5+<.1	10					<.003	0.1									29		498	
341	28° 41.558N 97° 24.529W																																					

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2	Well # or Name	EPA	Iron	EPA	Load	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
342	pH 6.85, Cond.948, Temp. 24.6																		9.7+<.1	10					<.003	0.1									30		508	
343	Sample # 106019		<.01																																			
344	28° 41.619N 97° 24.451W																																		18.6		620	
345	pH 6.98, Cond.1070, 24.3																		13.4+<.	10					<.003	0.1												
346	Sample # 106020		0.09																																			
347	28° 40.802N 97° 23.076W																																		24.8		1256	
348	pH 6.73, Cond. 1031, Temp. 24.2																		1.2+.2						0.004													
349	Sample # 106021		0.14																																			
350	28° 39.903N 97° 27.733W																																		26.2		898	
351	pH 6.94 Cond. 1702, Temp. 24.2																		2.7+<.1						0.004													
352	Sample # 106022		0.04																																			
353	no gps - FM 2043																																		38.9		720	
354	pH 7.01, Cond. 1474, Temp. 24.4																		5.2+<.1						0.008													
355	Sample # 106023		<.01																																			
356	no gps - FM 883																																		45.3		666	
357	pH 7.9, Cond. 1335, Temp. 25.2																		32+<.1	10					<.003	0.1												
358	Sample # 106024		0.1																																			
359	no gps - FM 883																																					
360	pH 7.07 Cond.1188 Temp. 25.2																		5+<.1						0.004										40.4		620	
361	Sample # 106025		<.01																																			
362	28° 37.797N 97° 39.949W																																					
363	pH 7.05, Cond.1267, Temp. 25.3																																					
364																																						
365	Testing Date 6-20-07																																		46.9		428	
366	Sample # 106749		0.01	0.3															0.9	10					<.003	0.1												
367	28° 41.15N 97° 17.18W																																					
368	pH 7.08 Cond. 1095, Temp. 24.4																																					
369	240' depth																																					
370	Sample # 106750		<.01	0.3															23.5	10					0.005	0.1									82.2		814	
371	28° 43.969N 97° 17.891W																																					
372	pH 6.68 Cond.1364, Temp. 24.7																																					
373	<100' depth																																					
374	Sample # 106751		<.01																2.6						0.005	0.1									66.3		808	
375	28° 43.732N 97° 18.110W																																					
376	pH 6.71, Cond.1321, Temp. 25.1																																					
377	228' depth																																					
378	Sample # 106752		<.01	0.3															0.2	10					<.003	0.1									73.2		520	
379	28° 37.930N 97° 21.773W																																					
380	pH 6.74,Cond. 1052, Temp. 25.1																																					
381	300'+ depth																																					
382	Sample # 106753		<.01	0.3															4.1	10					0.007	0.1									35.8		1102	
383	28° 42.591N 97° 31.146W																																					
384	pH 6.8,Cond.1466, Temp. 25.4																																					
385	Sample # 106754		0.01	0.3															8.4	10					<.003	0.1									49.1		#####	
386	28° 45.126N 97° 31.443W																																					
387	pH 6.73,Cond.1317, Temp. 25.8																																					
388	Sample # 106755																																					
389	28° 46.555N 97° 28.581W		0.03	0.3															2.3	10					0.004	0.1									52.1		618	

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2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
390	pH 6.95, Cond. 1216, Temp. 26.0																																					
391	300' depth, 45' water level																		3.4	10					0.005	0.1									95.6		2618	
392	Sample # 106756		0.68	0.3																																		
393	28° 50.869N 97° 26.983W																																					
394	pH 6.75, Cond.2460, Temp. 25.1																		<.01	10					<.003	0.1									21.1		456	
395	Sample # 106757		0.03	0.3																																		
396	28° 50.307N 97° 23.084W																																					
397	pH 7.0, Cond. 932, Temp. 25.2																		<.01	10					0.006	0.1									45.9		744	
398	Sample # 106758		<.01	0.3																																		
399	28° 51.707N 97° 18.885W																																					
400	pH 6.75, Cond. 1251. Temp. 25.1																																					
401	120' depth																		11.1	10					<.003	0.1									35.3		628	
402	Sample # 106759		0.15	0.3																																		
403	28° 50.451N 97° 20.100W																																					
404	pH 6.8, Cond. 1088, Temp. 24.9																																					
405	85' depth																		10.1	10					<.003	0.1									21		510	
406	Sample # 106760		0.06	0.3																																		
407	28° 50.408N 97° 19.852W																																					
408	pH 6.77, Cond.961, Temp. 26																		6.7	10					<.003	0.1									19.5		534	
409	Sample # 106761		<.01	0.3																																		
410	28° 50.452N 97° 19.691W																																					
411	pH 6.94, Cond. 973, Temp. 25.1																																					
412	130' depth																																					
413	Sample # 106762		<.01	0.3															5.4	10					<.003	0.1									16.9		604	
414	28° 49.459N 97° 20.105W																																					
415	pH 6.78, Cond. 1020, Temp. 25.4																																					
416	230' depth																																					
417	Sample # 106763		0.01	0.3															10.1	10					<.003	0.1									19.7		460	
418	28° 50.805N 97° 19.545W																																					
419	pH 6.98, Cond.864, Temp. 25.1																																					
420	Sample # 106764		0.02	0.3															9.1	10					<.003	0.1									46.9		598	
421	Victoria County																																					
422	pH 6.68, cond. 1179, Temp. 25.1																																					
423																																						
424	Testing Date 7-30-07																																					
425	Sample # 107757		0.01	0.3															<.25	10					<.003	0.1									42.8		556	500
426	28° 45.092N 97° 12.728W																																					
427	Cond. 959, Temp. 24, pH 6.88																																					
428	Sample # 107758		0.12	0.3															<.35	10					<.003	0.1									55.9		718	500
429	28° 44.951N 97° 12.737W																																					
430	Cond. 1248,pH 7.08, Temp. 25.1																																					
431	Sample # 107759		<.01	0.3															<.52	10					0.004	0.1									29.2		638	
432	28° 43.337N 97° 18.047W																																					
433	Cond. 1106, pH 7.36, Temp. 24.6																																					
434	Sample # 107760		0.02	0.3															<.05	10					<.003	0.1									26.5	250	420	500
435	28° 40.502N 97° 22.356W																																					
436	Cond. 701, Temp. 24.1, pH 7.31																																					
437	Sample # 107761		0.03	0.3															<.61	10					<.003	0.1									43.4	250	668	500

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2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
438	28° 48.913N 97° 17.913W																																					
439	Cond. 1076, pH 7.26, Temp. 24.2																		<.69	10					<.003	0.1									34.1	250	522	500
440	Sample #107762		0.02	0.3																																		
441	28° 50.550N 97° 17.688W																																					
442	Cond. 836, Temp. 24, pH 7.11																		<1.43	10					0.004	0.1									18.6	250	480	500
443	Sample # 107763		0.02	0.3																																		
444	28° 50.312N 97° 19.934W																																					
445	Cond. 833, pH 7.27, Temp. 39.1																		<3.95	10					<.003										30.9	250	686	500
446	Sample # 107764		0.06																																			
447	28° 51.505N 97° 19.331W																																					
448	Cond. 1080, Temp. 23.5, pH 7.26																																					
449																																						
450	Testing Date 8-13-07																		<.78	10					<.003	0.1									36.3	250	642	500
451	Sample # 108245		0.84	0.3																																		
452	28° 49.430N 97° 17.346W																																					
453	Cond. 1060 pH 6.95, Temp. 24.2																																					
454	200' depth																		<.53	10					<.003	0.1									20.9	250	436	500
455	Sample # 108246		0.04	0.3																																		
456	28° 44.166N 97° 19.824W																																					
457	Cond. 742 pH 7.65, Temp. 24.3																																					
458	PVC casing 225' depth																		<.50	10					<.003	0.1									23	250	524	500
459	Sample # 108247		0.22	0.3																																		
460	28° 47.015N 97° 21.738W																																					
461	Cond 920 pH 7.22, Temp. 24.1																																					
462	160' depth PVC casing																																					
463	Sample # 108248		<.01	0.3															<1.41	10					<.003	0.1									35.8	250	720	500
464	28° 50.675N 97° 24.819W																																					
465	Cond. 1281 pH 7.35, Temp. 24.8																																					
466	PVC Casing																																					
467	Sample # 108249		0.23	0.3															<11.13	10					<.003	0.1									126	250	1254	500
468	28° 54.327N 97° 26.107W																																					
469	Cond. 2148 pH 7.09, Temp. 25.3																																					
470	PVC casing																																					
471	Sample # 108250		0.07	0.3															<.05	10					<.003	0.1									38.5	250	666	500
472	28° 48.978 N 97° 24.635 W																																					
473	Cond. 1283, pH 7.56																																					
474	280' depth																																					
475	Sample # 108251		0.15	0.3															<1.01	10					<.003	0.1									18.6	250	492	500
476	28° 48.162N 97° 26.104W																																					
477	Cond. 864 pH 7.38, Temp. 25.1																																					
478	Sample # 108252		<.01																<.65						<.003										28.7		542	500
479	28° 44.967N 97° 25.033W																																					
480	Cond. 943 pH 7.32, Temp. 24.8																																					
481	200' depth																																					
482	Sample # 108253		0.48																<.05						<.003										64.6		690	500
483	28° 48.895N 97° 24.574W																																					
484	Cond. 1190 pH 7.22, Temp. 24.9																																					
485	Sample # 108254																																					

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2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
486	28° 49.873N 97° 23.858W																																					
487	Cond. 831, pH 7.30, Temp. 24.4																																					
488																																						
489	Testing Date 9-10-07																		<1.44	10					<.003										33.7	250	728	500
490	Sample # 108952		0.03																																			
491	28° 52.046N 97° 22.546W																																					
492	Gamma .05																																					
493	Cond. 1020, pH 7.03, Temp. 26.1																																		37.6	250	830	500
494	204' depth, water level 60'																		<2.82	10					<.003													
495	Sample # 108953		0.04																																			
496	28° 52.367N 97° 22.74W																																					
497	Gamma .1, Cond. 13.38, pH 7.1																																					
498	Temp. 24.6																		<1.42	10					<.003										41	250	660	500
499	Sample # 108954		0.01																																			
500	28° 51.784N 97° 25.535W																																					
501	Gamma .08, 265' depth																																					
502	Cond. 1098, pH 7.17, Temp. 24.8																		<1.23	10					<.003										34.7	250	702	500
503	Sample # 108955		<.01																																			
504	28° 51.295N 97° 25.551W																																					
505	Gamma .08, Cond. 1188, pH 7.18																																					
506	Temp. 24.2																		<1.08	10					<.003										33.4	250	706	500
507	Sample # 108956		0.07																																			
508	28° 51.679N 97° 25.730W																																					
509	Cond. 1231, pH 7.21, Temp. 24.8																																					
510	Gamma .07																																					
511	Sample # 108957		0.02																<1.16	10					<.003										33.1	250	740	500
512	28° 50.274N 97° 26.293W																																					
513	Gamma .1, Cond. 1209, pH 7.25																																					
514	Temp. 24.6																																					
515	Sample # 108958		0.13																<1.03	10					<.003										37	250	746	500
516	28° 50.087N 97° 26.135W																																					
517	Gamma .07, Cond. 1271 pH 7.21																																					
518	Temp. 24.3																																					
519	Sample # 108959		0.07																<1.15	10					<.003										55.8	250	730	500
520	28° 51.359N 97° 27.155W																																					
521	Gamma .07, Cond. 1335, pH 7.18																																					
522	Temp. 25.1																																					
523	Sample # 108960		0.05																<1.24	10					<.003										43.1	250	600	500
524	28° 53.236N 97° 26.908W																																					
525	Gamma .08, Cond. 1090, pH 7.20																																					
526	Temp 25.1																																					
527	Sample # 108961		0.02																<1.06	10					<.003										8	250	424	500
528	28° 50.238N 97° 31.3618W																																					
529	Gamma .07, Cond. 734, pH 7.31																																					
530	Temp. 24.2																																					
531	Sample # 108962		0.24																<.96	10					0.004										59.8	250	1002	500
532	28° 47.621N 97° 29.339W																																					
533	Gamma .08, Cond. 785 pH 7.3																																					
534	Temp. 24.9																																					
535	Sample # 108963		0.06																<.78	10					<.003										30.2	250	472	500

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	A	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT
2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
536	28° 47.621N 97° 29.477W																																					
537	Gamma .08, Cond. 785, pH 7.3																																		35.7	250	876	500
538	Temp. 25.2																		<1.06	10					0.003													
539	Sample # 108964		0.06																																			
540	28° 51.825N 97° 26.892W																																					
541	Cond. 1438, pH 7.25, Temp. 25.3																																					
542	Coliform Test done - Results Present																																					
543																																			18.9	250	468	500
544	Testing Date 10-1-07																		<0.59	10					0.003													
545	Sample # 109625		0.04																																			
546	28° 42.118N 97° 24.555W																																		34.2	250	572	500
547	Cond. 829, pH 7.26, Temp. 25.1																		<0.59	10					0.003													
548	Sample # 109626		<0.01																																			
549	28° 41.736N 97° 23.415W																																		11.9	250	332	500
550	Cond. 1060, pH 7.11, Temp. 24.9																		<1.67	10					<0.003													
551	Sample # 109627		1.08																																			
552	no gps - Hennig Road																																		31.1	250	716	500
553	Cond. 612, pH 7.41, Temp. 25.7																		<1.33	10					0.004													
554	Sample # 109628		0.06																																			
555	28° 50.642N 97° 23.880W																																					
556	Cond. 1268, pH 7.29, Temp. 24.6																																					
557	Gamma .07																		<0.05	10					<0.003										6.7	250	438	500
558	Sample # 109629		4.49																																			
559	28° 50.010N 97° 23.772W																																					
560	Cond. 762, pH 7.5, Temp. 25.2																																					
561	Gamma .06 steel cusing																		<1.18	10					<0.003										20.3	250	516	500
562	Sample # 109630		<0.01																																			
563	28° 54.053N 97° 21.444W																																					
564	Cond 892, pH 7.08, Temp. 24.9																																					
565	Gamma .07 - 250' depth pvc																																					
566	Sample # 109631		1.56																<1.20	10					<0.003										18.2	250	452	500
567	28° 49.877N 97° 19.980W																																					
568	250' depth, 82.7 water level																																					
569	Cond 844, pH 7.15, Temp. 24.9																																					
570	Gamma .08																																					
571	Sample # 109632		1.3																<0.18	10					0.003										49.1	250	622	500
572	28° 49.286N 97° 19.578W																																					
573	Depth 250' water level 63.2																																					
574	Cond. 1215, pH 7.10, Temp. 25.1																																					
575	Gamma .06																																					
576	Sample # 109633		<0.01																<2.03	10					<0.003										20.8	250	616	500
577	28° 48.199N 97° 19.493W																																					
578	Cond. 1086, pH 6.95, Temp. 24.8																																					
579	Gamma .06																		<0.05	10					<0.003										40.4	250	622	500
580	Sample # 109634		0.88																																			
581	28° 47.938N 97° 18.892W																																					
582	Cond. 1177, pH 7.04, Temp. 25.6																																					
583	Gamma .08																		<0.74	10					<0.003										29.7	250	654	500
584	Sample # 109635		0.01																																			
585	28° 44.906N 97° 21.256W																																					

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	A	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT
2	Well # or Name	EPA	Iron	EPA	Lead	EPA	Lithium	EPA	Magnesium	EPA	Manganese	EPA	Mercury	EPA	Molybdenum	EPA	Nickel	EPA	Nitrate	EPA	Phosphate	EPA	Potassium	EPA	Selenium	EPA	Silica	EPA	Silver	EPA	Sodium	EPA	Strontium	EPA	Sulfate	EPA	TDS	EPA
586	Cond. 1042, pH 7.02, Temp. 25.2																																					
587	Gamma .07																		<0.51	10					<0.003										33.6	250	602	500
588	Sample # 108636		0.23																																			
589	28° 44.879N 97° 21.192W																																					
590	Cond. 1048. pH 7.00, Temp. 25.4																		<4.68	10					0.009										28.8	250	486	500
591	Sample # 109637		0.04																																			
592	28° 42.438N 97° 23.451W																																					
593	Cond. 846, pH 7.01, Temp. 25.4																		<0.77	10					<0.003										36.8	250	570	500
594	Sample # 109638		0.05																																			
595	28° 47.337N 97° 18.980W																																					
596	Depth 155-175 ' Gamma .1																																					
597	Cond. 1024, pH 7.03, Temp. 25.1																																					
598																																						
599	Testing Date 10-4-07																		<2.66	10					<.003										15.4	250	582	500
600	Sample # 109744		<.01																																			
601	28° 53.622N 97° 25.76W																																					
602	Depth 100-150' Cond. 993																																					

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	A	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ
1																	
2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
3																	
4	Independent Test 7-11-06																
5	Sample # 7921911	0.001	0	0.026	NECL	0.02	5	0.0059	0.05								
6	no gps - 63 Dondo Lane																
7	pH 6.94,Cond. 991, Temp. 25																
8	Independent Test 9-25-06																
9	Sample # 08013							0.0039	0.03								
10	no gps - Post Oak Road																
11	pH 7.42, Cond.1005																
12	Sample # 99914																
13	same location as above																
14	Independent Test 11-6-06									3.7/2.0	15			110/14	300/4	.22/.19	5
15	Sample # 0611056																
16	no gps - Kilgore Road																
17	Independent Test 7-23-07							0.01	0.03	19.2/1.5	15			114/57.4	300/4	3	5
18	Sample # 107653																
19	no gps -																
20	Cond. 1247, pH 7.33																
21	160' depth																
22	Independent Test 7-27-07																
23	Customer ID # 423844							0.00369	0.03								
24	no gps - East Hennig Road																
25	GBRA Lab																
26																	
27	Testing Date 2-13-07																
28	WELL #1							0.0033	0.03	5.3/.4pCi/L	15	3.2/1.4 pCi/L		170/43.3 pCi/l	300/4	ND	5
29	28° 51.494W 97° 20.707W																
30	80' depth																
31	WELL #2							ND	0.03	2.0/.4 pCi/L	15	ND	4 mr/y	653/49.3 pCi/l	300/4	ND	5
32	28° 51.308N 97° 19.942W																
33	O & G Sup. Well 465'depth																
34	UEC 02/13/07							0.004	0.03	0		0				1-Dec	5
35	Cond. 988, pH 7.38																
36	WELL #3							0.0014	0.03	2.4/.4 pCi/L	15	2.7/1.4pCi/L	4 mr/y	198/43.4 pCi/l	300/4	ND	5
37	28° 48.403N 97° 19.795W																
38	160' depth																
39	WELL #4							0.0146	0.03	18/.6 pCi/L	15	5.4/1.4 pCi/L	4 mr/y	197/43.1 pCi/l	300/4	ND	5
40	28° 48.189N 97° 19.889W																
41	250' depth																
42	pump set at 120'																
43	WELL #5							0.001	0.03	3.1/.4 pCi/L	15	ND	4 Mr/y	182/42.6 pCi/l	300/4	ND	5
44	28° 49.956N 97° 18.625W																
45	165' depth																
46	WELL #6							ND	0.03	3.2/.5 pCi/L	15	3.7/1.4 pCi/L	4 Mr/y	238/43.2 pCi/l	300/4	1.0/.3	5
47	28° 50.705N 97° 14.191W																
48	145' depth																
49	WELL #7							0.0016	0.03	5.0/.5 pCi/L	15	5.2/1.4 pCi/L	4 mr/y	223/42 pCi/L	300/4	ND	5
50	28° 51.237N 97° 14.562W																
51	167' depth																

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	A	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ
2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
52	WELL #8							0.0021	0.03	5.4..5 pCi/L	15	4.1/1.4 pCi/L	4 mr/y	179/41.9 pCi/L	300/4	MD	5
53	28° 45.076N 97° 19.485W																
54	280' depth																
55	WELL #9							0.002	0.03	6.2/.6 pCi/L	15	5.8/1.4 pCi/L	4 mr/y	107/40.8 p Ci/	300/4	ND	5
56	28° 44.289N 97° 20.559W																
57	220' depth																
58	WELL #10							0.0038	0.03	6.2/.9 pCi/L	15	11.7/2.9 pCi/L	4 mr/y	205/41.9 pCi/L	300/4	1.8/.4	5
59	28° 44.444N 97° 21.269W																
60	200' depth																
61	WELL #11							0.0016	0.03	4/.5 pCi/L	15	4.8/1.4 pCi/L	4 mr/y	162/.41 pCi/L	300/4	ND	5
62	28° 47.894N 97° 26.065W																
63	WELL #12							0.0102	0.03	11.9/.6 pCi/L	15	7.0/1.5 pCi/L	4 mr/y	216/41.6 pCi/L	300/4	ND	5
64	28° 46.388N 97° 23.267W																
65																	
66	Testing Date 2-14-07																
67	WELL #13							0.0073	0.03	9.8/.6 pCi/L	15	4.2/1.4 pCi/L	50 pC	2580/75.4pCi/	300/4	.8/.4 pCi/L	5
68	28° 45.894N 97° 27.546W																
69	Cond. 1148, pH 7.3, Temp. 22																
70	100' depth																
71	WELL #14							0.0009	0.03	4.8/.4 pCi/L	15	4.6/1.4 p Ci/L	50 pC	263/50.1 p Ci/	300/4	ND	5
72	28° 52.325N 97° 27.444W																
73	Cond. 1156, pH 7.3, Temp. 22																
74	100' depth																
75	WELL #15							0.003	0.03	2.7/.6 pCi/L	15	ND	50 pC	178/48.8 pCi/L	300/4	ND	5
76	28° 53.289N 97° 22.335W																
77	Cond. 1011, pH 7.4, Temp. 21.2																
78	130' depth																
79	WELL #16							0.0031	0.03	2.7 p Ci/L	15	ND	50 pC	278/50 p Ci/L	300/4	ND	5
80	28° 53.205N 97° 22.374W																
81	Cond. 1160, pH 7.4, Temp. 20.4																
82	WELL #17							0.0072	0.03	5.4/.5 pCi/L	15	3.7/1.4 p Ci/L	50 pC	276/49.7pCi/L	300/4	ND	5
83	28° 49.180N 97° 17.027W																
84	Cond. 1130, pH 7.5 Temp. 22.5																
85	260' depth																
86	WELL #18							0.0024	0.03	2.5/.5	15	5.8/1.4	60	242/48.9	300/4	ND	5
87	28° 49.873N 97° 23.858W																
88	Cond. 944, pH 7.3, Temp. 23.5																
89	7-23-07 Test																
90	pH 6.68 Cond. 777																
91	8-13-07 Retest																
92	Cond. 831, pH 7.3, Temp. 24.4																
93	WELL #19							0.0055	0.03	7.5/.7	15	5.6/2.0	50	832/56.1	300/4	1.1/.4	5
94	28° 43.462N 97° 18.536W																
95	Cond. 1647, pH 7.5, Temp. 22.6																
96	136' depth																
97	WELL #20							0.0066	0.03	7.6/.8	15	9.4/2.0	50	238/48.3	300/4	1.2/.4	5
98	28° 31.385N 97° 24.505W																
99	Cond. 2138, pH 7.0, Temp. 21.6																
100	257-278' depth																
101																	

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2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
102	Testing Date 2-27-07																
103	WELL #1								0.03		15		50		300/4000		5
104	28° 50.608N 97° 26.485W																
105	Cond. 1526, pH 7.2, Temp. 22.8																
106	220' depth																
107	WELL #2								0.03		15		50		300/4000		5
108	28° 549.183N 97° 23.652W																
109	Cond. 1042, pH 7.2, Temp. 23.2																
110	WELL #3								0.03		15		50		300/4000		5
111	28° 48.941N 97° 23.553W																
112	Cond. 828, pH 7.2, Temp. 23.2																
113	250' depth																
114	WELL #4								0.03		15		50		300/4000		5
115	28° 49.074N 97° 23.630W																
116	Cond. 786, pH 7.2, Temp. 23.8																
117	210' depth																
118	WELL #5								0.03		15		50		300/4000		5
119	28° 53.206N 97° 21.698W																
120	Cond. 1169, pH 7.2, Temp. 23.1																
121	122' depth																
122	WELL #6								0.03		15		50		300/4000		5
123	28° 53.220N 97° 22.622W																
124	Cond. 923, pH 7.1, Temp. 23.0																
125	110' depth																
126	WELL #7								0.03		15		50		300/4000		5
127	28° 53.745N 97° 22.418W																
128	Cond. 1114, pH 7.0, Temp. 23.9																
129	105' depth																
130	WELL #8								0.03		15		50		300/4000		5
131	28° 53.476N 97° 22.952W																
132	Cond. 1505, pH 7.0, Temp. 24.8																
133	320' depth																
134	WELL #9								0.03		15		50		300/4000		5
135	28° 53.338N 97° 23.250W																
136	Cond. 1133, pH 7.2, Temp. 24.2																
137	320' depth																
138	WELL #10								0.03		15		50		300/4000		5
139	28° 53.795N 97° 24.307W																
140	Cond. 930, pH 7.0, Temp. 24.4																
141	WELL #12								0.03		15		50		300/4000		5
142	28° 50.863N 97° 26.727W																
143	Cond. 1889, pH 6.8, Temp. 23.3																
144																	
145	Testing Date 3-1-07																
146	WELL #14							0.0025	0.03	2.6/.4	15		50pCi	1290/59.7	300/4	ND	5
147	28° 50.244N 97° 18.546W																
148	Cond. 1214, pH 6.0, Temp. 23.1																
149	110' depth																

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2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
150	WELL #15							0.0013	0.03	3.0/.4	15		50pCi	353/48.7	300/4	ND	5
151	28° 49.223N 97° 20.166W																
152	Cond. 1020, pH 7.0, Temp. 23.4																
153	125' depth							0.0017	0.03	2.6/.4	15		50pCi	1550/62.2	300/4	ND	5
154	WELL #16																
155	28° 48.232N 97° 18.962W																
156	Cond. 994, pH 7.1, Temp. 23.8																
157	180' depth							0.0018	0.03	1.5/.6	15		50pCi	379/48.5	300/4	ND	5
158	WELL #17																
159	28° 48.446N 97° 18.644W																
160	Cond. 1444, pH 6.6, Temp. 24.1							0.0016	0.03	2.5/.4	15		50pCi	349/48.2	300/4	ND	5
161	WELL #18																
162	28° 47.808N 97° 19.896W																
163	Cond. 1153, pH 6.5, Temp. 23.6							0.0016	0.03	5.9/.4	15		50pCi	394/48.5	300/4	ND	5
164	WELL #19																
165	28° 47.818N 97° 19.878W																
166	Cond. 1158, pH 6.6, Temp. 23.4							0.0016	0.03	3.4/.4	15		50pCi	362/48	300/4	ND	5
167	WELL #20																
168	28° 47.624N 97° 19.792W																
169	Cond. 1075, pH 6.8, Temp. 24.0																
170	159' depth																
171	WELL #21							0.0016	0.03	5.0/.4	15		50pCi	361/47.9	300/4	ND	5
172	28° 47.367N 97° 19.758W																
173	Cond. 1026, pH 6.9, Temp. 23.0																
174	100' depth																
175	WELL #22							0.0024	0.03	7.2/.5	15		50pCi	374/47.9	300/4	ND	5
176	28° 44.020N 97° 20.853W																
177	Cond. 1432, pH 6.7, Temp. 23.8																
178	200' depth																
179	WELL #23							0.0028	0.03	4.2/.6	15		50pCi	1110/56.4	300/4	ND	5
180	28° 44.051N 97° 20.360W																
181	Cond. 2236, pH 7.0, Temp. 24.0																
182	WELL #24							0.0036	0.03	7.0/.4	15		50pCi	1170/56.9	300/4	ND	5
183	28° 44.107 97° 19.034W																
184	Cond. 1141, pH 6.8, Temp. 24.4																
185	150' depth																
186	WELL #25							0.0057	0.03	7.8/.5	15		50pCi	356/47.3	300/4	ND	5
187	28° 46.048N 97° 17.227W																
188	Cond. 988, pH 6.9, Temp. 23.9																
189	125-150' depth																
190	WELL #26							0.0017	0.03	5.2/.4	15		50pCi	371/47.4	300/4	ND	5
191	28° 47.983N 97° 14.289W																
192	Cond. 1110, pH 6.8, Temp. 24.2																
193	WELL #28							ND	0.03	1.3/.5	15		50pCi	1680/64.3	300/4	ND	5
194	28° 51.020N 97° 18.999W																
195	Cond. 1865, pH 7.0, Temp. 23.6																
196	115' depth																
197																	

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2	Well # or Name	Thalium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
									0.03		15		50pCi/L		300/4000		5
198	WELL #13																
199	28° 41.429N 97° 17.791W																
200	Cond. 1313, pH 7.64, Temp. 24.54																
201																	
202	Testing Date 5-7-07																
203	Sample # 105635							0.0054	0.03	4.7/.6				293/120		ND	
204	28° 50.077N 97° 20.897W																
205	pH 6.70 Cond. 869 Temp. 24.3																
206	Sample # 105636							0.0015	0.03	ND				301/123		ND	
207	28° 50.312N 97° 20.245W																
208	pH 6.63, Cond. 1098, Temp. 24.2																
209	Sample # 105637							0.0025	0.03	1/.6				600/127		ND	
210	28° 48.852N 97° 20.412W																
211	pH 6.69. Cond. 860, Temp. 24.9																
212	Sample # 105638							0.0014	0.03	ND				299/122		ND	
213	28° 48.127N 97° 20.827W																
214	pH 7.03, Cond. 885, Temp. 25.1																
215	Sample # 105639							0.0008	0.03	3.8/.6				340/122		.6/.3	
216	28° 48.843N 97° 19.967W																
217	pH 6.92, Cond. 704, Temp. 24.5																
218	Sample # 105640							0.0019	0.03	ND				296/121		ND	
219	28° 47.627N 97° 20.164W																
220	pH 6.68, Cond. 1621, Temp. 24.5																
221	Sample # 105641							0.0019	0.03	ND				380/122		ND	
222	28° 44.160N 97° 20.727W																
223	pH 7.03, Cond. 906, Temp. 24.4																
224	200' depth																
225	Sample # 105642							0.0012	0.03	2.5/.8				292/120		ND	
226	28° 44.587N 97° 23.365W																
227	pH 6.77, Cond. 1581, Temp. 25.9																
228	125-135' depth																
229	Sample # 105643							0.0031	0.03	11/.7				292/120		.5/.3	
230	28° 49.881N 97° 25.403W																
231	pH 6.98, Cond. 1099, Temp. 25.5																
232	173' depth																
233	Sample # 105644							0.004	0.03	4.9/.7				416/121		ND	
234	28° 50.210N 97° 25.734W																
235	pH 7.20, Cond. 1217, Temp. 25.3																
236	Sample # 105646							0.0044	0.03	3.3/.7				208/118		ND	
237	28° 50.266N 97° 25.514W																
238	pH 7.07, Cond. 1277, Temp. 25.6																
239	200' depth																
240	Sample # 105646.							0.0046	0.03	4.5/.8				498/122		5.9/.7	
241	28° 50.375N 97° 25.237W																
242	pH 7.04, Cond. 1296, Temp. 26.4																
243	175' depth																
244	Sample # 105647							0.0047	0.03	7.3/.6				370/119		ND	
245	28° 50.180N 97° 24.444W																

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	A	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ
2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
246	pH 7.17, Cond. 1133, Temp. 28.6																
247	318' depth																
248	Sample # 105648							0.0029	0.03	2.3/.6				124/116		ND	
249	28° 51.453N 97° 22.088W																
250	pH 7.23, Cond. 1057, Temp. 25.1																
251	185' depth																
252																	
253	Testing Date 5-8-07																
254	Sample # 105775							0.006	0.03	7.6/.7				237/85.6		ND	
255	28° 50.515N 97° 24.548W																
256	pH 6.97, Cond. 1224, Temp. 23.6																
257	180' depth																
258	Sample # 105776							0.001	0.03	1.5/.5				325/86.5		ND	
259	28° 50.274N 97° 29.544W																
260	pH 6.69, Cond. 1048, Temp. 24.3																
261	Sample # 105777							0.008	0.03	42.4/1				6040/145		18.3/1.4	
262	28° 49.643N 97° 27.360W																
263	pH 6.88, Cond. 1356, Temp. 25.3																
264	Sample # 105778							0.003		4.2/.6				383/86.9		ND	
265	28° 50.063N 97° 28.030W																
266	pH 6.75, Cond. 1515, Temp. 25.2																
267	180' depth																
268	Sample # 105779							0.003		3.1/.6				235/84.7		ND	
269	28° 47.099N 97° 28.023W																
270	pH 6.88, Cond. 1323, Temp. 25.6																
271	360' depth																
272	Sample # 105780							0.003		2.6/.5				176/83.8		ND	
273	28° 47.152N 97° 28.065W																
274	pH 6.85, Cond. 1289, Temp. 24.7																
275	360' depth																
276	Sample # 105781							0.003		3/.6				322/85.6		ND	
277	28° 46.758N 97° 28.112W																
278	pH 6.94, cond. 1083, Temp. 26																
279	screened 320-380'																
280	Sample # 105782							0.003		3.5/.6				262/84.4		ND	
281	28° 51.751N 97° 30.235W																
282	pH 6.89, Cond. 1474, Temp. 25.1																
283	205-215' depth																
284	Sample # 105783							0.003		3/.5				117/82.8		ND	
285	28° 50.850N 97° 26.945W																
286	pH 7.11, Cond. 1539, Temp. 24.5																
287	Sample # 105784							0.005		4.1/1.1				232/83.6		ND	
288	28° 51.892N 97° 27.725W																
289	pH 6.86, Cond. 2180, Temp. 24.8																
290	152' depth water level 48'																
291	Sample # 105785							0.004		4.5/.6				232/83.5		ND	
292	28° 51.680N 97° 26.899 W																
293	pH 7.08, Cond.1394, Temp. 26.0																

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	A	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ
2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
294	Sample # 105786							0.004		3.8/.6				260/63.7		ND	
295	28° 51.710N 97° 26.704W																
296	pH 6.91																
297	292' depth																
298	Sample # 105787							0.001		1.2/.5				258/63		ND	
299	28° 52.476N 97° 26.306W																
300	pH 6.70 Cond.1425																
301	Sample # 105788							ND		ND				200/61.9		ND	
302	28° 53.7499N 97° 26.193W																
303	pH 7.09, Cond. 600, Temp. 23.6																
304	38.7' depth																
305	Sample # 105789							0.004		4.4/.6				256/62.5		ND	
306	28° 53.842N 97° 25.403W																
307	pH 7.05, Cond. 1005, Temp. 25.1																
308	49' depth																
309	Sample # 105790							0.003		2.8/.5				199/61.5		ND	
310	28° 51.485N 97° 25.340W																
311	pH 7.02, Cond.1305, Temp. 25.2																
312																	
313	Testing Date 5-21-07																
314	Sample # 106011							0.006		6.5/.6				500/53.3		ND	
315	28° 46.309N 97° 17.7421W																
316	pH 6.71, Cond. 1059, Temp. 24.4																
317	165' depth																
318	Sample # 106012							0.01		7.6/.6				449/52.6		ND	
319	28° 46.44N 97° 17.963W																
320	pH 6.82, Cond. 1146, Temp. 24																
321	320' depth																
322	Sample # 106013							0.002	0.03	4.1/.5				197/49.1		ND	
323	28° 48.353N 97° 16.889W																
324	pH 6.69, Cond.972, Temp. 24.1																
325	Sample # 106014							0.003		3.2/.5				163/48.5		ND	
326	28° 48.486N 97° 16.757W																
327	pH 6.87, Cond. 1177, Temp. 24.6																
328	Sample # 106015							0.002		4.7/.5				228/49.2		ND	
329	28° 48.399N 97° 16.428W																
330	pH6.86, Cond. 855, Temp. 24.2																
331	Sample # 106016							0.004	0.03	2/.4				112/47.5		ND	
332	28° 50.421N 97° 18.347W																
333	pH6.86, Cond. 1113, Temp. 23.9																
334	Test on 6-27-07																
335	pH7.02, Cond.1306,																
336	Sample # 106017							0.007	0.03	6.5/.5				144/47.6		ND	
337	28° 48.258N 97° 19.893W																
338	pH 6.68, Cond. 1135, Temp. 23.8																
339	140' depth																
340	Sample # 106018							0.003		3.1/.5				160/47.5		ND	
341	28° 41.558N 97° 24.529W																

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	A	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ
2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
342	pH 6.85, Cond.948, Temp. 24.6																
343	Sample # 106019							0.001		2.3/.4				209/46.2		ND	5
344	28° 41.619N 97° 24.451W																
345	pH 6.98, Cond.1070, 24.3																
346	Sample # 106020							0.001		2.9/.4				159/47.4		1/.4	5
347	28° 40.602N 97° 23.076W																
348	pH 8.73, Cond. 1031, Temp. 24.2																
349	Sample # 106021							0.002		3.5/.6				ND		ND	
350	28° 39.803N 97° 27.733W																
351	pH 6.94 Cond. 1702, Temp. 24.2																
352	Sample # 106022							0.003		4.2/.5				160/47.5		ND	
353	no gps - FM 2043																
354	pH 7.01, Cond. 1474, Temp. 24.4																
355	Sample # 106023							0.005		3.6/.6				205/47.4		ND	
356	no gps - FM 883																
357	pH 7.9, Cond. 1335, Temp. 25.2																
358	Sample # 106024							0.003		2.5/.4				109/46		ND	
359	no gps - FM 883																
360	pH 7.07 Cond.1188 Temp. 25.2																
361	Sample # 106025							0.006	0.03								
362	28° 37.797N 97° 39.949W																
363	pH 7.05, Cond.1267, Temp. 25.3																
364																	
365	Testing Date 6-20-07																
366	Sample # 106749							0.011	0.03	7.1/.7				106/33		ND	
367	28° 41.15N 97° 17.18W																
368	pH 7.08 Cond. 1095, Temp. 24.4																
369	240' depth																
370	Sample # 106750							0.002	0.03	5.5/.7				106/33		ND	
371	28° 43.968N 97° 17.891W																
372	pH 6.68 Cond.1364, Temp. 24.7																
373	<100' depth																
374	Sample # 106751							0.008	0.03	8.8/.9				185/34.1		ND	
375	28° 43.732N 97° 18.110W																
376	pH 6.71, Cond.1321, Temp. 25.1																
377	228' depth																
378	Sample # 106752							0.024	0.03	18/.8				175/45.2		ND	
379	28° 37.930N 97° 21.773W																
380	pH 6.74, Cond. 1052, Temp. 25.1																
381	300'+ depth																
382	Sample # 106753							0.002	0.03	3.8/.7				220/45.6		ND	
383	28° 42.591N 97° 31.146W																
384	pH 6.8, Cond.1466, Temp. 25.4																
385	Sample # 106754							0.002	0.03	4.8/.7				204/45.2		ND	
386	28° 45.126N 97° 31.443W																
387	pH 6.73, Cond.1317, Temp. 25.8																
388	Sample # 106755																
389	28° 46.565N 97° 28.581W							0.003	0.03	4.3/.7				112/43.8		ND	

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	A	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ
2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
390	pH 6.95, Cond. 1216, Temp. 26.0																
391	300' depth, 45' water level																
392	Sample # 106756							0.006	0.03	14.6/1.7				414/47.7		ND	
393	28° 50.869N 97° 26.983W																
394	pH 6.75, Cond.2460, Temp. 25.1																
395	Sample # 106757							ND	0.03	1.5/.4				157/44.2		ND	5
396	28° 50.307N 97° 23.084W																
397	pH 7.0, Cond. 932, Temp. 25.2																
398	Sample # 106758							0.002	0.03	2.5/.7				170/44.1		ND	5
399	28° 51.707N 97° 18.885W																
400	pH 6.75, Cond. 1251. Temp. 25.1																
401	120' depth																
402	Sample # 106759							0.001	0.03	4.8/.8				140/43.6		ND	5
403	28° 50.451N 97° 20.100W																
404	pH 6.8, Cond. 1088, Temp. 24.9																
405	85' depth																
406	Sample # 106760							0.004	0.03	3.6/.7				155/43.7		ND	5
407	28° 50.408N 97° 19.852W																
408	pH 6.77, Cond.961, Temp. 26																
409	Sample # 106761							0.003	0.03	4.2/.6				170/43.9		ND	5
410	28° 50.452N 97° 19.691W																
411	pH 6.94, Cond. 973, Temp. 25.1																
412	130' depth																
413	Sample # 106762							0.002	0.03	1.5/.5				198/44		ND	5
414	28° 49.469N 97° 20.105W																
415	pH 6.78, Cond. 1020, Temp. 25.4																
416	230' depth																
417	Sample # 106763							0.002	0.03	2.7/.5				168/43.5		ND	5
418	28° 50.805N 97° 19.545W																
419	pH 6.98, Cond.864, Temp. 25.1																
420	Sample # 106764							0.002	0.03	3.6/.7				271/44.7		ND	5
421	Victoria County																
422	pH 6.68, cond. 1179, Temp. 25.1																
423																	
424	Testing Date 7-30-07																
425	Sample # 107757							0.009	0.03	4.3 +/-.9	15			447 +/-202	300/4	ND	5
426	28° 45.092N 97° 12.728W																
427	Cond. 659, Temp. 24, pH 6.88																
428	Sample # 107758							0.012	0.03	13.5 +/- .9	15			1560 +/- 224	300/4	2.8 +/- .5	5
429	28° 44.951N 97° 12.737W																
430	Cond. 1248,pH 7.08, Temp. 25.1																
431	Sample # 107759							0.004	0.03	2.6 +/- 1	15			587 +/- 204	300/4	ND	5
432	28° 43.337N 97° 18.047W																
433	Cond. 1106, pH 7.36, Temp. 24.6																
434	Sample # 107760							0.024	0.03	11.2 +/- .9	15			638 +/- 204	300/4	ND	5
435	28° 40.502N 97° 22.356W																
436	Cond. 701, Temp. 24.1, pH 7.31																
437	Sample # 107761							0.003	0.03	2.3 +/- 1	15			568 +/- 201	300/4	ND	5

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	A	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ
2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
438	28° 48.913N 97° 17.913W																
439	Cond. 1076, pH 7.26, Temp. 24.2							0.003	0.03	12.2 +/- .7	15			1460 +/- 219	300/4	3 +/- .6	5
440	Sample #107762																
441	28° 50.550N 97° 17.688W																
442	Cond. 836, Temp. 24, pH 7.11							0.006	0.03	4.1 +/- .7	15			479 +/- 198	300/4	ND	5
443	Sample # 107763																
444	28° 50.312N 97° 19.934W																
445	Cond. 833, pH 7.27, Temp. 39.1							0.003	0.03	2.5 +/- 1	15			432 +/- 195	300/4	ND	5
446	Sample # 107764																
447	28° 51.605N 97° 19.331W																
448	Cond. 1080, Temp. 23.5, pH 7.26																
449																	
450	Testing Date 8-13-07							0.003	0.03	3.8 +/-.5	15			212 +/-45.2	300/4	ND	5
451	Sample # 108245																
452	28° 49.430N 97° 17.346W																
453	Cond. 1060 pH 6.95, Temp. 24.2																
454	200' depth							0.002	0.03	2.0 +/-.5	15			ND	300/4	ND	5
455	Sample # 108246																
456	28° 44.166N 97° 19.824W																
457	Cond. 742 pH 7.65, Temp. 24.3																
458	PVC casing 225' depth							0.001	0.03	3.3+/-.5	15			180 +/-44.4	300/4	ND	5
459	Sample # 108247																
460	28° 47.015N 97° 21.738W																
461	Cond 920 pH 7.22, Temp. 24.1																
462	160' depth PVC casing							0.004	0.03	3.1 +/-.8	15			148 +/-43.7	300/4	ND	5
463	Sample # 108248																
464	28° 50.675N 97° 24.819W																
465	Cond. 1281 pH 7.35, Temp. 24.8																
466	PVC Casing							0.004	0.03	5.4 +/-1.2	15			163 +/- 43.8	300/4	ND	5
467	Sample # 108249																
468	28° 54.327N 97° 26.107W																
469	Cond. 2148 pH 7.09, Temp. 25.3																
470	PVC casing																
471	Sample # 108250							ND	0.03	14.5 +/-1.1	15			1370 +/- 58	300/4	8.8 +/-1	5
472	28° 48.979 N 97° 24.635 W																
473	Cond. 1283, pH 7.56																
474	280' depth							0.002	0.03	2.9 +/-.7	15			207 +/-.7	300/4	ND	5
475	Sample # 108251																
476	28° 48.162N 97° 26.104W																
477	Cond. 864 pH 7.38, Temp. 25.1							0.004	0.03	3.4 +/-.6	15			177 +/-43.7	300/4	ND	5
478	Sample # 108252																
479	28° 44.967N 97° 25.033W																
480	Cond. 943 pH 7.32,Temp. 24.8																
481	200' depth							0.011	0.03	31.1 +/- 1.7	15			2760 +/- 70.5		9.5 +/-1	5
482	Sample # 108253																
483	28° 48.895N 97° 24.574W																
484	Cond. 1190 pH 7.22, Temp. 24.9																
485	Sample # 108254																

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2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
486	28° 49.873N 97° 23.858W																
487	Cond. 831, pH 7.30, Temp. 24.4																
488																	
489	Testing Date 9-10-07							0.003	0.03	3 +/- 1	15			295 +/-79.2	300/4	ND	5
490	Sample # 108952																
491	28° 52.048N 97° 22.546W																
492	Gamma .05																
493	Cond. 1020, pH 7.03, Temp. 25.1																
494	204' depth, water level 60'							0.002	0.03	2.9 +/-1.2	15			185 +/- 77.5	300/4	ND	5
495	Sample # 108953																
496	28° 52.367N 97° 22.74W																
497	Gamma .1, Cond. 13.38, pH 7.1																
498	Temp. 24.6							0.003	0.03	4.7 +/- 1.1	15			348 +/- 79.5	300/4	ND	5
499	Sample # 108954																
500	28° 51.784N 97° 25.535W																
501	Gamma .08, 265' depth																
502	Cond. 1098, pH 7.17, Temp. 24.8							0.003	0.03	4.8 +/- 1.1	15			346 +/- 79.3	300/4	ND	5
503	Sample # 108955																
504	28° 51.295N 97° 25.551W																
505	Gamma .08, Cond. 1188, pH 7.18																
506	Temp. 24.2																
507	Sample # 108956							0.004	0.03	5.2 +/- 1.1	15			238 +/- 77.7	300/4	ND	5
508	28° 51.679N 97° 25.730W																
509	Cond. 1231, pH 7.21, Temp. 24.8																
510	Gamma .07																
511	Sample # 108957							0.003	0.03	4.1+/- 1	15			399 +/- 79.7	300/4	ND	5
512	28° 50.274N 97° 26.293W																
513	Gamma .1, Cond. 1209, pH 7.25																
514	Temp. 24.6																
515	Sample # 108958							0.004	0.03	3.8 +/- 1.2	15			506 +/- 81	300/4	ND	5
516	28° 50.087N 97° 26.135W																
517	Gamma .07, Cond. 1271 pH 7.21																
518	Temp. 24.3																
519	Sample # 108959							0.004	0.03	5.5 +/- 1.3	15			290 +/- 78	300/4	ND	5
520	28° 51.359N 97° 27.155W																
521	Gamma .07, Cond. 1335, pH 7.18																
522	Temp. 25.1																
523	Sample # 108960							0.006	0.03	6.9 +/- 1.1	15			773 +/- 84.2	300/4	ND	5
524	28° 53.236N 97° 26.908W																
525	Gamma .08, Cond. 1090, pH 7.20																
526	Temp 25.1																
527	Sample # 108961							0.001	0.03	2.9 +/- .8	15			260 +/- 76.5	300/4	ND	5
528	28° 50.238N 97° 31.3618W																
529	Gamma .07, Cond. 734, pH 7.31																
530	Temp. 24.2																
531	Sample # 108962							0.004	0.03	6.4 +/- 1.3	15			391 +/- 78.1	300/4	ND	5
532	28° 47.621N 97° 29.339W																
533	Gamma .08, Cond. 785 pH 7.3																
534	Temp. 24.9																
535	Sample # 108963							0.002	0.03	2.1 +/- .7	15			443 +/- 78.7	300/4	ND	5

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2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
536	28° 47.621N 97° 29.477W																
537	Gamma .08, Cond. 785, pH 7.3																
538	Temp. 25.2																
539	Sample # 108964							0.004	0.03	4.5 +/- 1.3	15			284 +/- 76.2	300/4000	ND	5
540	28° 51.825N 97° 26.892W																
541	Cond. 1438, pH 7.25, Temp. 25.3																
542	Coliform Test done - Results Present																
543																	
544	Testing Date 10-1-07							0.0022		3.3 +/- 0.8	15			266 +/- 75.2	300/4000	ND	5
545	Sample # 109625																
546	28° 42.118N 97° 24.556W																
547	Cond. 829, pH 7.26, Temp. 25.1							0.0042	0.03	4.4 +/- 0.8	15			280 +/- 76.3	300/4000	ND	5
548	Sample # 109626																
549	28° 41.736N 97° 23.415W																
550	Cond. 1060, pH 7.11, Temp. 24.9							0.0011	0.03	ND	15			178 +/- 73.6	300/4000	ND	5
551	Sample # 109627																
552	no gps - Hennig Road																
553	Cond. 612, pH 7.41, Temp. 25.7							0.0036	0.03	1.3 +/- 1	15			330 +/- 76.6	300/4000	ND	5
554	Sample # 109628																
555	28° 50.642N 97° 23.880W																
556	Cond. 1268, pH 7.29, Temp. 24.6																
557	Gamma .07																
558	Sample # 109629							0.0004	0.03	ND	15			176 +/- 72.8	300/4000	ND	5
559	28° 50.010N 97° 23.772W																
560	Cond. 752, pH 7.5, Temp. 25.2																
561	Gamma .06 steel casing																
562	Sample # 109630							0.002	0.03	2.3 +/- 0.8	15			251 +/- 73.7	300/4000	ND	5
563	28° 54.053N 97° 21.444W																
564	Cond 892, pH 7.08, Temp. 24.9																
565	Gamma .07 - 250' depth pvc																
566	Sample # 109631							0.002	0.03	ND	15			224 +/- 73.0	300/4000	ND	5
567	28° 49.877N 97° 19.980W																
568	250' depth, 82.7 water level																
569	Cond 844, pH 7.15, Temp. 24.9																
570	Gamma .08																
571	Sample # 109632							0.0045	0.03	7.2 +/- 1.1	15			995 +/- 82.7	300/4000	2.8 +/- 0.6	5
572	28° 49.286N 97° 19.578W																
573	Depth 250' water level 63.2																
574	Cond. 1215, pH 7.10, Temp. 25.1																
575	Gamma .06																
576	Sample # 109633							0.0016	0.03	2.2 +/- 1.0	15			223 +/- 72.6	300/4000	ND	5
577	28° 48.199N 97° 19.493W																
578	Cond. 1086, pH 6.95, Temp. 24.8																
579	Gamma .06																
580	Sample # 109634							0.0034	0.03	11.2 +/- 1.4	15			2420 +/97.7	300/4000	ND	5
581	28° 47.938N 97° 18.892W																
582	Cond. 1177, pH 7.04, Temp. 25.6																
583	Gamma .08																
584	Sample # 109635							0.0015	0.03	ND	15			197 +/- 71.7	300/4000	ND	5
585	28° 44.906N 97° 21.256W																

Date information received
January 12, 2007

Lab Reports of
of Wells Tested
Uranium Mining Area

	A	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ
2	Well # or Name	Thallium	EPA	Vanadium	EPA	Zinc	EPA	Uranium	EPA	Gross Alpha	EPA	Gross Beta	EPA	Radon 222	EPA	Radium 226	EPA
586	Cond. 1042, pH 7.02, Temp. 25.2																
587	Gamma .07							0.0014	0.03	ND	15			221 +/- 72.0	300/4000	ND	5
588	Sample # 109636																
589	28° 44.879N 97° 21.192W																
590	Cond. 1048, pH 7.00, Temp. 25.4							0.0071	0.03	8.2 +/- 1	15			1060 +/- 82.4	300/4000	3.2 +/- 0.6	5
591	Sample # 109637																
592	28° 42.438N 97° 23.451W																
593	Cond. 846, pH 7.01, Temp. 25.4							0.002	0.03	2.2 +/- 0.9	15			124 +/- 71.2	300/4000	ND	5
594	Sample # 109638																
595	28° 47.337N 97° 18.980W																
596	Depth 155-175 ' Gamma .1																
597	Cond. 1024, pH 7.03, Temp. 25.1																
598																	
599	Testing Date 10-4-07																
600	Sample # 109744																
601	28° 53.622N 97° 25.76W																
602	Depth 100-150' Cond. 993																

Goliad County Groundwater Conservation District
Monitor Wells Record

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2	Tag #	OWNER'S NAME	Designation	Well reg. #	LAT/LONG	ELEV	Deptl	Adj.+or- grd.lev.	Date	Water le	Tec. Ini	DATE	Water Level	Tech ir	Date	Water le	Tech.ir	Date	Water Le	Tech.i	Date	Water Le	Tech. Ini.	Date	Water Le	Tech. Ini
3												4/29/03	99.75	AD	11/12/03	99.92	AD	3/11/04	96.1	AD	10/19/2004	95.1	AAD	4/14/2005	93.4	AAD &J
4	1	Abrameit,			N28 49.715 W97 26.461	270'	250	-2.8				4/29/03	110.35	AD	11/12/03	110.8	AD	3/11/04	107.85	AD	10/19/2004	106.7	AAD	4/14/2005	104.7	AAD &J
5	2	Abrameit,			N28 49.913 W97 26.478	310'	250	-2				4/29/03	52.45	AD	11/12/03	56.7	AD	3/11/04	53.05	AD	10/18/2004	49.9	AAD	4/14/2005	44	AAD &J
6	3	Dohmann, A.	Loest	7913M0006	N28 47.649 W97 25.428	210'?	76	-0.8	9/12/02	62.25	AAD	4/29/03	121.1	AD	11/12/03	121.75	AD	3/11/04	117.8	AD	10/18/2004	116.3	AAD	4/14/2005	113.75	AAD &J
7	4	Dohmann, A.	Jim	7913M0021	N28 47.877 W97 23.584	295'	230	-3				4/29/03	112.6	AD	11/12/03	112.83	AD	3/11/04	109.8	AD	10/18/2004	108.3	AAD	4/14/2005	105.8	AAD &J
8	5	Dohmann, A.	Loest	7913M0022	N28 47.760 W97 25.112	285'	250	-2.2				4/29/03	36.75	AD	11/12/03	39.35	AD	3/11/04	36.9	AD	10/12/2004	35.64	AAD	4/14/2005	33.57	AAD &J
9	6	Dohmann, A.	Hall	7913M0007	N28 50.500 W97 25.468	180'	90	-0.9	9/12/02	39	AAD	4/29/03	10.1	AD	11/12/03	11.9	AD	3/11/04	8.8	AD	10/12/2004	12.15	AAD	4/14/2005	7.1	AAD &J
10	7	Dohmann, A.	Hall	7913M0008	N28 50.634 W97 25.898	230'	24	-0.4	9/12/02	15.25	AAD	4/29/03	51.2	AD	11/12/03	46.45	AD	3/11/04	47.6	AD	10/12/2004	48.6	AAD	4/14/2005	45.8	AAD &J
11	8	Dohmann, A.	Hall	7913M0023	N28 50.636 W97 25.898	230'	65	-0.5				4/29/03	105.7	AD	11/12/03	105.85	AD	3/11/04	103	AD	11/8/2004	102.62	AAD&KB	3/20/2006	104.2	AAD&K
12	9	Worley, Jim		7913M0013	N28 52.174 W97 27.287	290'	210	-1.3				11/11/03	78.5	AD	1/21/05	77.3	JHD&JD									
13	10	Jacob. Bobby		7914M0017	N28 49.136 W97 16.70	195'		-0.2				11/11/03	49.7	AD	1/21/05	49	JHD &JD									
14	11	Jacob, Don		7915M0011	N28 46.479 W97 13.993	127'						11/11/03	77.3	AD	1/21/05	76.9	JHD &JD									
15	12	Seiler, Arthur		7915M0010	N28 48.788 W97 13.993	170'		-2.5				5/2/03	29.5	JD	3/22/06	30.75	AAD	9/2/04	29.35'	AAD						
16	13	Wexford Cattle Co.	Bundick Lake	7938M0017	N28 29.857 W97 19.151		106	-1.1																		
17			Windmill									5/2/03	18.4	JD	3/22/06	18.8	AAD	9/2/04	18.2'	AAD						
18	14	Wexford Cattle Co.	South Mills	7938M0016	N28 28.431 W97 16.420		62	-1.1				5/2/03	25.2	JD	3/22/06	25.65	AAD	9/2/04	24.1	AAD						
19	15	Wexford Cattle Co.	O'Donnell Well	7938M0015	N28 28.196 W97 18.725		188	-0.8				2/27/03	52.98	JD	1/21/05	51.8	JHD&J	10/5/06	53.23'	JD/AA	10/25/2007	50.4	BAS			
20	16	Jacob, Don		7922M0016	N28 43.003 W97 19.078		235'	-1.32	8/19/02	59'	JD	2/27/03	52.58	JD	1/21/05	54.5	JHD&J	10/25/07	49.32	BAS						
21	17	Dreier, John		7922M0015	N28 41.644 W97 19.503		262.8	-1.77				6/6/03	83.9	JD	7/23/05	80.9	AAD	10/9/06	84.7	AAD						
22	18	Landgrebe, Leroy		7905M0001	N29 52.932 W97 23.772		277'	-0.3																		
23	19	Brothers, Al		7928M0002	N28 31.126 N97 35.416			-0.8	5/27/03	41'	JD															
24	20	DeBolt, Don		7913M0001	N28 54.763 N97 25.125			-1.6				6/6/03	52.6	JD	11/8/04	19.95	AAD&KB									
25	21	Lemke, Keith		7905M0004	N28 55.340 W97 24.565			-1.4				6/6/03	9.2	JD	11/8/04	7	AAD&KB									
27	22	Borgfield, Joyce		7913M0005	N28 51.112 W97 26,944			-1.2				6/5/03	23.3	JD	8/9/05	19.28	AAD									
28	23	Bego, Glen		7922M0002	N28 43.045 W97 16.061			-0.8				5/21/03	34.8	JD												
29	24	Schulze, Nettie		7913M0002	N28 51.086 W97 26.926		29.5	-8				5/31/03	21.8	AD	11/8/04	7.8	AAD&J	3/20/06	22	AAD&KB						
30	25	Wexford Cattle Co.	Hightower #12	7931M0002	N28 32.228 W97 14.287		60	-1.95				5/2/03	27	JD	3/22/06	27.7	AAD	9/2/04	26.5'	AAD						
31	26	Wexford Cattle Co.	River Pasture	7931M0001	N28 33.708 W97 12.275		204	-3.5				5/2/03	36.4	JD	3/22/06	36.1	AAD	9/2/04	35.05'	AAD						
32			Gravel Pad																							
33	27	Smith, Jim		7914M0005	N 28 50.532 W97 18.654		450	-0.5				3/11/04	35.8	AD	4/14/05	33.65	AAD&JBD									
34	28	Worley, Jim			N28 50.532 W97 27.568		200	-1				3/11/04	78.32	AD	3/20/06	79	AAD&KB									
35	29	Shelton, Richard																								
36	30	Cravens, Chico		7937905	N28 23.973 W97 23.44	95'						3/9/04	30	JK	11/6/07	34.5	BAS&JDK									
37	31	Cravens, Chico			N28 23.64 W97 22.7			-1.2				3/9/04	29.2/33.8	JK												
38	32	Cravens, Chico			N28 23.069 W97 23.5			-0.08				3/9/04	27	JK	In Bee County											
39	33	Roberts, Ronnie			N28 24.055 W97 22.46			artesian				3/9/04	12psi/15" above	JK												
40	34	Taber			N28 24.153 W97 23.521			-4.15				3/9/04	35.15	JK	11/6/07	33.85	BAS&JDK									
41	35	Taber			N28 24.120 W97 23.38			-2				3/9/04	20.1	JK												
42	36	Taber			N28 24.133 W97 23.365			-12				3/9/04	trickle	JK	11/6/07	Flowing	BAS&JDL									
43	37	Taber			N28 24.45 W97 23.350			-12				3/9/04	flowing in hose	JK	11/6/07	flowing	BAS&JDL									
44	38	Taber			N28 24.46 W97 23.363							3/9/04		JK	11/6/07											
45	39	Taber			N28 24.495 W97 23.605			-0.09				3/9/04	40.3	JK	11/6/07	17.1	BAS&JDK									
46	40	Parma, Ben		7905M0002	N28 53.623 W97 22.71		280	-2.6	11/8/04	39.66	AAD	4/26/07	55.5'	AAD												
47	41	Parma, Ben		7905M0003	N28 53.74 W97 22.66		164'	-1.55	11/8/04	13.62	AAD&I	4/26/07	16.75'	AAD												
48	42	Ward, Roy		7905M0005	N28 53.663 W97 22.890			-1				6/16/03	32.6	JD&AI	11/8/04	39.54	AAD&KB									
49	43	Doibel Family		7912M0001	2851.02N 9730.74W	304	?	-1.3	1/15/05	72.95	KB	3/20/06	73.3	AAD&KB												
50	45	Neal, Beverly		7912M0002	2845.163N 9731.828W			-2.4	3/20/06	137.8	AAD&I	5/8/06	139'	AAD	10/5/06	140.35'	AAD/BAS									
51	44	Neal, Beverly		7912M0003	2844.963N 9731.809W			-2.6	3/20/06	116.6	AAD&I	5/8/06	117.7	AAD	10/5/06	119.7	BAS&AAD									
52	46	George, Joe		7913M0012	not a well																					
53	47	Yandell, Cecil		7913M0004			350																			
54	48	Pantel, Arlen		7913M0009	N28 49.267 W97 23.340		180	-2	4/14/05	78.5	AAD&JBD															
55	49	Pantel, Arlen		7913M0010	N28 49.43 W97 23.429		200	-2.55	4/14/05	95.13	AAD&JBD															
56	50	Robinson, John		7913M0011																						
57	51	Lange, Larry		7913M0014																						
58	52	Lange, Larry		7913M0015																						
59	53	Harwell,Mae		7913M0016	N28 50.89 W97 26.47		152'	1.33'	11/9/04	43.8	AAD	3/20/06	48.7	AAD&	12/4/06	51.55	AAD									
60	54	George, Joe		7913M0017	not a well																					
61	55	Eichman, Frances		7913M0018																						
62	56	Dohmann, Leon		7913M0019	2849.673N 9724.875W		120	-2	4/14/05	12.3	AAD&JBD															
63	57	Dohmann, Leon		7913M0020	2849.746N9724.760W		275	-2.1	4/14/05	83.72	AAD&JBD															
64	58	Brumby, Kirby		7913M0026	2848.85N 9728.31W	307	?	-2.6	1/14/05	106.1	KB	3/20/06	106.3	AAD&KB												

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2	Tag #	OWNER'S NAME	Designation	Well reg. #	LAT/LONG	ELEV	Depth	Adj.+or- grd.lev.	Date	Water le	Tec. Ini	DATE	Water Level	Tech in	Date	Water le	Tech.in	Date	Water Le	Tech.i	Date	Water Le	Tech. Ini.	Date	Water Le	Tech. Ini
3																										
65	59	Brumby, Kirby		7913M0027	2848.85N 9728.32W	320	?	-1.4	1/14/05	119.4	KB	3/20/06	122	AAD&KB												
66	60	Brumby, Kirby	house	7913M0028	2849.00N 9728.13W	333	?	-1.7	1/14/05	55	KB	3/20/06	59.7	AAD&KB												
67	61	Billo, B. H.		7913M0031																						
68	62	Billo. B. H.		7913M0032																						
69	63	Dohmann, Felton		7913M0034	N2851.735W9728.538		600+	-0.4	4/14/05	51.4	AAD&.	3/20/06	56.1	AAD&KB												
70	64	Reitz, Maurice		7913M0035	N2848.83 W9727.42			0	7/22/05	126.45	AAD															
71	65	Reitz, Maurice		7913M0036	N2850.912W9728.538		300	-1.3	4/14/05	86.55	AAD&JBD															
72	66	Gray, Mary		7914M0001																						
73	67	Albrecht, Fred W.		7914M0003																						
74	68	Albrecht, Ray		7914M0006																						
75	69	Hausmann,Byron		7915M0001																						
76	70	Schneider, Leroy		7915M0003																						
77	71	Calhoun Land		7920M0001																						
78	72	Calhoun Land		7920M0002																						
79	73	Fromme, Cliff		7920M0003																						
80	74	Roudon, Tom		7920M0004																						
81	75	Roudon, Tom		7920M0005																						
82	76	Roudon, Tom		7920M0006																						
83	77	Roudon, Tom		7920M0007																						
84	78	Riggs, Lamar		7921M0001			165																			
85	79	Kelly, Mauryne		7921M0002																						
86	80	Kelly, Mauryne	ng oil well	7921M0003	2865.28N9737.08W		192'		7/19/06	22.4	BAS	10/5/06	22.65	AAD&	10/25/07	16.65										
87	81	Kelly, Mauryne	cattle pen well	7921M0004	2865.367N 9737.645W		110	-1.6	5/6/06	23.5	BAS	7/19/06	20.7	BAS	10/5/06	21	AAD&I	10/25/07	17.8	BAS						
88	82	Kelly, Mauryne		7921M0005																						
89	84	Jacob, Don		7922M0004	N28 43.00 W97 19.078			1.32				8/19/02	52.98	JD												
90	85	Thwing, James		7922M0005																						
91	86	Sulyer, Monte		7922M0006	2844.17N 9718.38W		160	2.2'	10/5/06	63.2'	JD/AAD															
92	87	Sulyer, Monte		7922M0007			160																			
93	88	Muchicek, Dewayne		7922M0008			140																			
94	89	Hunt, B. B.		7923M0001			250																			
95	90	Martinez, Fortino		7928M0001	N28 31.806 W97 35.758							5/15/03	could not meas.	JD&VKM												
96	91	Brothers, Al		7928M0002	N28 31.926 W97 35.416		195	0.8				5/27/03	41.8	JD&VM												
97	92	Ellis, Ramsey		7929M0001																						
98	93	Larami Ltd.		7929M0002																						
99	94	Larami Ltd.		7929M0003																						
100	95	Woxford Cattle Co.	Lodge	7929M0011	N28 39.731 W97 17.485		52'	-2.05	9/2/04	31.7'	AAD	3/22/06	34.4	AAD												
101			Windmill																							
102	96	Woxford Cattle Co.		7938M0003	N28 29.72 W97 14.714		110	-1.15	9/2/04	17.55'	AAD															
103	97	Dora Altman		7913M0012	N28 50.09 W97 28.28		240	-1.5	11/9/04	104.5	AAD	3/20/06	105	AAD&KB												
104	98	CecilYandell		7913M0013																						
105	99	Joyce Borgfeld		7913M0029	N28 52.164 W 9725.305				6/5/03		AAD	8/9/05	59.4	AAD												
106	100	Joyce Borgfeld		7913M0030																						
107	101	Nettie Schulze		7913M0033																						
108	102	Patsy Light	Pittman #1	7921M0006	2838.87N 9729.13W		243'	-6.42	7/19/06	8.27'	BAS	10/25/07	5.53	BAS												
109	103	Patsy Light	Spare House W	7921M0007	2839.64N 9729.55W		56.3'	1	7/19/06	23.81'	BAS	10/25/07	21.78	BAS												
110	104	Bob Gayle	well in front pat	79-28-M-0003	2835.709N 9730.221W		235'	.9'	10/5/06	90.65'	BAS/A.	10/25/07	87.74	BAS												
111	105	Richard Ball	Cistern Tower	79-28-M-0004	2835.594N 9730.648W		95'	1.2'	10/5/06	79.4	BAS/A.	10/25/07	75.83	BAS												
112	106	JoAnn Quillian	South end	79-13-G--0440	2848.904n 9723.597w				2/27/07	96.3"	AAD															
113	107	Raymond Arnold	Old Oil Co. We	79-06-G-0005	2853.177N 9721.666W				2/27/07	51.55'	AAD															
114	108	Dorian Thurk	monitor well		2853.427N 9722.654W				2/27/07	59.8'	AAD															
115	109	Marigene Harris	3339 FM 622	79-22-L-0101	2844.109N 9719.884W		225'		8/13/07	65'	AAD															

Goliad County Groundwater Conservation District
Monitor Wells Record

	A	B	C	D	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
2	Tag #	OWNER'S NAME	Designation	Well reg. #	Date	Water L	Tech. I	Date	Water L	Tech. I	Date	Water Le	Tech. Ini.	
3														
4	1	Abrameit,			BD			2/14/2006	95.8'	AAD	7/8/2006	95.4	AAD	
5	2	Abrameit,			BD			2/14/2006	107.2'	AAD				
6	3	Dohmann, A.	Loest	7913M0006	#######	46'	AAD	2/14/2006	54.0'	AAD	7/8/2006	56.2	AAD	
7	4	Dohmann, A.	Jim	7913M0021	#######	114.5	AAD	2/14/2006	118.9'	AAD	7/8/2006	116.5	AAD	
8	5	Dohmann, A.	Loest	7913M0022	#######	106.45	AAD	6/29/2007	112'	AAD				
9	6	Dohmann, A.	Hall	7913M0007	BD			2/14/2006	35.8'	AAD	7/8/2006	37.1	AAD	
10	7	Dohmann, A.	Hall	7913M0008	BD			2/14/2006	15.1'	AAD	7/8/2006	15.5	AAD	
11	8	Dohmann, A.	Hall	7913M0023	BD			2/14/2006	48.2'	AAD	7/8/2006	47.6	AAD	
12	9	Worley, Jim		7913M0013	B									
13	10	Jacob. Bobby		7914M0017										
14	11	Jacob, Don		7915M0011										
15	12	Seiler, Arthur		7915M0010										
16	13	Wexford Cattle Co.	Bundick Lake	7938M0017										
17			Windmill											
18	14	Wexford Cattle Co.	South Mills	7938M0016										
19	15	Wexford Cattle Co.	O'Donnell Well	7938M0015										
20	16	Jacob, Don		7922M0016										
21	17	Dreier, John		7922M0015										
22	18	Landgrebe, Leroy		7905M0001										
23	19	Brothers, Al		7928M0002										
24	20	DeBolt, Don		7913M0001										
25	21	Lemke, Keith		7905M0004										
27	22	Borgfield, Joyce		7913M0005										
28	23	Bego, Glen		7922M0002										
29	24	Schulze, Nettie		7913M0002										
30	25	Wexford Cattle Co.	Hightower #12	7931M0002										
31	26	Wexford Cattle Co.	River Pasture	7931M0001										
32			Gravel Pad											
33	27	Smith, Jim		7914M0005										
34	28	Worley, Jim												
35	29	Shelton, Richard												
36	30	Cravens, Chico		7937905										
37	31	Cravens, Chico												
38	32	Cravens, Chico												
39	33	Roberts, Ronnie												
40	34	Taber												
41	35	Taber												
42	36	Taber												
43	37	Taber												
44	38	Taber												
45	39	Taber												
46	40	Parma, Ben		7905M0002										
47	41	Parma, Ben		7905M0003										
48	42	Ward, Roy		7905M0005										
49	43	Deibel Family		7912M0001										
50	45	Neal, Beverly		7912M0002										
51	44	Neal, Beverly		7912M0003										
52	46	George, Joe		7913M0012										
53	47	Yundell, Cecil		7913M0004										
54	48	Puntel, Arlen		7913M0009										
55	49	Puntel, Arlen		7913M0010										
56	50	Robinson, John		7913M0011										
57	51	Lange, Larry		7913M0014										
58	52	Lange, Larry		7913M0015										
59	53	Harwell,Mae		7913M0016										
60	54	George, Joe		7913M0017										
61	55	Eichman, Frances		7913M0018										
62	56	Dohmann, Leon		7913M0019										
63	57	Dohmann, Leon		7913M0020										
64	58	Brumby, Kirby		7913M0026										

Goliad County Groundwater Conservation District
Monitor Wells Record

	A	B	C	D	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
2	Tag #	OWNER'S NAME	Designation	Well reg. #	Date	Water L	Tech. I	Date	Water L	Tech. I	Date	Water Le	Tech. Ini.	
3														
65	59	Brumby, Kirby		7913M0027										
66	60	Brumby, Kirby	house	7913M0028										
67	61	Billo, B. H.		7913M0031										
68	62	Billo. B. H.		7913M0032										
69	63	Dohmann, Felton		7913M0034										
70	64	Reitz, Maurice		7913M0035										
71	65	Reitz, Maurice		7913M0036										
72	66	Gray, Mary		7914M0001										
73	67	Albrecht, Fred W.		7914M0003										
74	68	Albrecht, Ray		7914M0006										
75	69	Hausmann,Byron		7915M0001										
76	70	Schneider, Leroy		7915M0003										
77	71	Calhoun Land		7920M0001										
78	72	Calhoun Land		7920M0002										
79	73	Fromme, Cliff		7920M0003										
80	74	Roudon, Tom		7920M0004										
81	75	Roudon, Tom		7920M0005										
82	76	Roudon, Tom		7920M0006										
83	77	Roudon, Tom		7920M0007										
84	78	Riggs, Lamar		7921M0001										
85	79	Kelly, Mauryne		7921M0002										
86	80	Kelly, Mauryne	ag oil well	7921M0003										
87	81	Kelly, Mauryne	cattle pen well	7921M0004										
88	82	Kelly, Mauryne		7921M0005										
89	84	Jacob, Don		7922M0004										
90	85	Thwing, James		7922M0005										
91	86	Salyer, Monte		7922M0006										
92	87	Salyer, Monte		7922M0007										
93	88	Machicek, Dewayne		7922M0008										
94	89	Hunt, B. B.		7923M0001										
95	90	Martinez, Fortino		7928M0001										
96	91	Brothers, Al		7928M0002										
97	92	Ellis, Ramsey		7929M0001										
98	93	Larami Ltd.		7929M0002										
99	94	Larami Ltd.		7929M0003										
100	95	Wexford Cattle Co.	Lodge	7929M0011										
101			Windmill											
102	96	Wexford Cattle Co.		7938M0003										
103	97	Dora Altman		7913M0012										
104	98	CecilYandell		7913M0013										
105	99	Joyce Borgfeld		7913M0029										
106	100	Joyce Borgfeld		7913M0030										
107	101	Nettie Schulze		7913M0033										
108	102	Patsy Light	Pittman #1	7921M0006										
109	103	Patsy Light	Spare House W	7921M0007										
110	104	Bob Gayle	well in front pat	79-28-M-0003										
111	105	Richard Ball	Cistern Tower	79-28-M-0004										
112	106	JoAnn Quillian	South end	79-13-G--0440										
113	107	Raymond Arnold	Old Oil Co. We	79-06-G-0005										
114	108	Dorian Thurk	monitor well											
115	109	Marigene Harris	3339 FM 622	79-22-L-0101										

)WNER:

SWN: 7921911

COUNTY: Goliad

)ATE: 7 / 11 / 2006

AQUIFER: GULF COAST AQUIFER

Asterisk (*) next to value indicates that the constituent exceeds TCEQ standards (MCL) for drinking water.

	MG/L		MG/L		MG/L
Silica	36.8	Carbonate	1.2	Dissolved Solids	728
Calcium	92.8	Bicarbonate	356.34	Hardness as CaCO3	362
Magnesium	31.2	Sulfate	65	SAR	
Sodium	132	Chloride	183	Conductivity	991
Potassium	3.8	Fluoride	0.6	pH	6.94 *
Strontium	1.14	Nitrate as NO_3	5.31	Temperature	25°C

DESCRIPTION	FLAG	VALUE	+/-
TEMPERATURE, WATER (CELSIUS)		24.5	
NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)		1.2	
ARSENIC, DISSOLVED (UG/L AS AS)		10	
BARIUM, DISSOLVED (UG/L AS BA)		78	
BERYLLIUM, DISSOLVED (UG/L AS BE)	<	1	
BORON, DISSOLVED (UG/L AS B)		294	
CADMIUM, DISSOLVED (UG/L AS CD)	<	1	
CHROMIUM, DISSOLVED (UG/L AS CR)		2	
COBALT, DISSOLVED (UG/L AS CO)	<	1	
COPPER, DISSOLVED (UG/L AS CU)		3	
IRON, DISSOLVED (UG/L AS FE)	<	30	
LEAD, DISSOLVED (UG/L AS PB)	<	1	
MANGANESE, DISSOLVED (UG/L AS MN)	<	1	
THALLIUM, DISSOLVED (UG/L AS TL)	<	1	
MOLYBDENUM, DISSOLVED, UG/L		2	
STRONTIUM, DISSOLVED (UG/L AS SR)		1140	
VANADIUM, DISSOLVED (UG/L AS V)		26	
ZINC, DISSOLVED (UG/L AS ZN)		15	
ANTIMONY, DISSOLVED (UG/L AS SB)	<	1	
ALUMINUM, DISSOLVED (UG/L AS AL)	<	1	
LITHIUM, DISSOLVED (UG/L AS LI)		36	
SELENIUM, DISSOLVED (UG/L AS SE)		5	
URANIUM, NATURAL, DISSOLVED, UG/L		5.9	
ALKALINITY, FIELD, DISSOLVED AS CACO3		326	
BROMIDE, DISSOLVED, (MG/L AS BR)	<	0.50	

3 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107553**
Sample ID:	Well	**Date Received:**	07/23/2007
Date Taken:	07/23/2007	**Time Received:**	08:45
Time Taken:	0730 160'	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	263	mg/L	07/23/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/23/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.2	mg/L	07/23/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	28.7	mg/L	07/23/2007	17:00	0.50	DT	SM 4110B
Coliform, total	Absent	P-A/100 ml	07/23/2007	13:00	P/A	DT	SM 9221 D
Conductivity, specific	1,247	umhos/cm	07/25/2007	09:50	10	DT	EPA 120.1
pH	7.33	S.U.	08/07/2007	09:30	N/A	DT	SM 4500-H+ B
Solids, total dissolved	680	mg/L	07/23/2007	14:00	1	DT	EPA 160.1
Arsenic, GFAA	0.004	mg/L	08/06/2007	08:20	0.002	WEW	SM 3113 B
Iron, ICP	0.20	mg/L	07/25/2007	10:16	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	08/06/2007	08:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	106	0.3	20	97.0	96.0	70 - 130
Nitrite-N-IC	<0.03	108	0.0	20	98.4	98.4	70 - 130
Nitrate-N-IC	<0.02	106	0.0	20	97.3	97.3	70 - 130
Sulfate-IC	<0.5	101	3.4	20	102	106	70 - 130
Coliform, total	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Conductivity, specific	N/A	98.7	0.1	20	N/A	N/A	N/A
pH	N/A	101	0.8	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.6	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	103	0.0	20	103	103	70 - 125
Iron, ICP	<0.01	101	2.8	20	104	107	75 - 125
Selenium, GFAA	<0.003	107	2.7	20	80.3	83.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

ENERGY LABORATOR INC. • 2393 Salt Creek Highway (82601) • P.O. B 258 • Casper, WY 82602
Toll Free 888.235.0515 • 3 35.0515 • Fax 307.234.1639 • casper@energyla n • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07071109-001
Client Sample ID: 107553

Report Date: 08/10/07
Collection Date: 07/23/07 07:30
DateReceived: 07/24/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	19.2	pCi/L	*	1.0	15	E900.0	08/08/07 21:21 / res
Gross Alpha precision (±)	1.5	pCi/L				E900.0	08/08/07 21:21 / res
Radium 226	3.0	pCi/L		1.0	5	E903.0	08/01/07 15:00 / crw
Radium 226 precision (±)	0.6	pCi/L				E903.0	08/01/07 15:00 / crw
Radon 222	114	pCi/L		100		D5072-92	07/26/07 14:16 / dm
Radon 222 precision (±)	57.4	pCi/L				D5072-92	07/26/07 14:16 / dm
Uranium	0.010	mg/L		0.001	0.03	E200.8	08/05/07 06:42 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
* - The result exceeds the MCL.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company: Wilburn Dudenstadt
Address: 329 W Franklin	Address: 744 Annand Rd.
Goliad TX 77963	Goliad, TX. 77963
Contact: Art Dohmann	Contact: WR (Pete) Dudenstadt
Phone: 645-1716	Phone: 361-645-1507
Fax: 645-1772 gcgcd@goliad.net	Fax: Cell # 894-1547
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	~~Temp~~ As Se	Uranium	Radionuclides	Total Coliform			Lab Sample ID (Lab Use Only)
	Well	W	7/23/07	0730	2L, 40mL	P, G	6		X	X	X	6	6	X			107553

Sampler Name: Wilburn Dudenstadt

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Wilburn B. Dudenstadt	7/23/07	~~0730~~ 0815	Kristi Dudenstadt	7/23/07	0845

For Lab Use Only

Temp: 4.0 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: pa ck # 5653 bureblifom [illegible] Onice pack

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: 98913
Project Name:
Sample Location: ESS #1
Sample Date: 09/25/2006
Sample Time: 11:00

Company: ESS
Contact:
Address:

	results*	SDWA[1]	Method
pH (units)[3]	7.42	6.5-8.5	SM 4500-H+B
Electrical Conductivity (u mhos/cm)	1,005	NECL	EPA 120.1
Total Dissolved Solids[3]	684	500	by meter
Chloride[3]	280	250	EPA 325.3
Fluoride[2]	0.66	4.0	Hach 8029
Nitrate[2]	0.7	10	Hach 8171
Phosphate	0.426	NECL	Hach 8048
Sulfate[3]	52	250	EPA 375.4
Total Hardness	387	NECL	SM 2340B

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	EPA 200.7
Barium[2]	0.092	2.000	EPA 200.7
Cadmium[2]	<0.002	0.005	EPA 200.7
Chromium[2]	<0.005	0.100	EPA 200.7
Copper[2]	<0.005	1.300**	EPA 200.7
Iron[3]	<0.01	0.300	EPA 200.7
Lead[2]	<0.01	0.015**	EPA 200.7
Mercury[2]	<0.0005	0.002	EPA 245.1
Selenium[2]	<0.03	0.050	EPA 200.7
Silver[3]	<0.007	0.100	EPA 200.7
Calcium	111	NECL	EPA 200.7
Magnesium	26.7	NECL	EPA 200.7
Sodium	112	NECL	EPA 200.7
Aluminum[3]	<0.01	0.05-0.2	EPA 200.7

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

Anacon, Inc.
730 FM 1959
Houston, TX 77034
Phone: (281) 922-7000
Fax: (281) 481-0089

Kilgore Rd.

ANACON NUMBER	0611056
DATE COLLECTED	11/06/06
DATE RECEIVED	11/07/06
DATE OF REPORT	01/05/07

LAB ID: 0611056-001A **SAMPLE MATRIX:** Aqueous liquid

SAMPLE ID: Property Well H2O

PRIMARY & SECONDARY DRINKING WATER STANDARDS

PARAMETER	METHOD	DATE ANALYZED	MCL (mg/L)	REPORTING LIMIT (mg/L)	RESULT (mg/L)
Arsenic	200.8	11/16/06	0.010	0.001	0.005
Magnesium	200.8	11/14/06	-	0.13	19.4
Manganese	200.8	11/16/06	0.05	0.001	0.002
Sodium	200.8	11/14/06	-	0.05	123
Silica	200.8	11/14/06	-	0.05	75.0
Chloride	300.0	12/01/06	250	0.50	19.8
Conductivity	120.1	11/13/06	-	1.00 umhos/cm	153 umhos/cm
Bromide	300.0	12/01/06	-	0.10	<0.10
Fluoride	300.0	12/01/06	2.00	0.50	<0.50
Nitrate as N	300.0	12/04/06	10.0	0.15	0.42
Nitrite as N	300.0	12/04/06	1.00	0.15	<0.15
pH	150.1	11/14/06	6.5-8.5	-	7.34
Sulfate	300.0	12/01/06	250	0.50	192
Total Dissolved Solids (TDS)	160.1	11/10/06	1000	2.00	503
Total Hardness	200.8	11/14/06	-	0.70	472
Turbidity by NTU	180.1	11/17/06	1.00	-	0.32

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Reported results represent only the sample tested.

Anacon, Inc.
730 FM 1959
Houston, TX 77034
Phone: (281) 922-7000
Fax: (281) 481-0089

ANACON NUMBER	0611056
DATE COLLECTED	11/06/06
DATE RECEIVED	11/07/06
DATE OF REPORT	01/05/07

LAB ID: 0611056-001A **SAMPLE MATRIX:** Aqueous liquid
SAMPLE ID: Property Well H2O

RADIOLOGICAL ANALYSIS

PARAMETER	RESULT	UNITS OF MEASURE	D.L.	DATE ANALYZED
Gross Alpha	3.7 +/- 2.0	pCi/L	2.8	11/15/06
Gross Beta	2.2 +/- 2.1	pCi/L	2.3	11/15/06
Radium-226	0.22 +/- 0.19	pCi/L	0.26	11/18/06
Radium-228	0.11 +/- 0.37	pCi/L	0.61	11/17/06
Radon-222	110 +/- 14	pCi/L	17	11/08/06

MCLs:
Radium 226 / 228 = 5 pCi/L
Gross Alpha = 15 pCi/L

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Anacon, Inc.

Date: *11-Dec-06*

CLIENT:
Lab Order: 0611056
Project:
Lab ID: 0611056-001A

Client Sample ID: Property Well H2O
Tag Number:
Collection Date: 11/6/2006
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS		E200.8				Analyst: HN
Arsenic	4.81	0.73		µg/L	1	11/16/2006 3:53:00 PM
Manganese	2.05	0.14		µg/L	1	11/16/2006 3:53:00 PM
ICP-MS METALS MODIFIED		E200.8				Analyst: HN
Magnesium	19.4	0.13		mg/L	1	11/14/2006 3:30:00 PM
Sodium	123	0.05		mg/L	1	11/14/2006 3:30:00 PM
HARDNESS		M2340 B				Analyst: HN
Hardness, Calcium/Magnesium (As CaCO3)	472	0.700		mg/L	1	11/14/2006 3:30:00 PM
SILICA AS SIO2		E200.8				Analyst: HN
Silica	75	0.050		mg/L	1	11/14/2006 3:30:00 PM
ORGANIC CARBON, TOTAL		E415.1				Analyst: HN
TOC	6.07	1.50		mg/L	1	11/15/2006 3:55:00 PM
ANIONS BY ION CHROMATOGRAPHY		E300				Analyst: KH
Bromide	ND	0.100		mg/L	1	12/1/2006
Chloride	19.8	0.500		mg/L	1	12/1/2006
Fluoride	ND	0.500		mg/L	1	12/1/2006
Nitrogen, Nitrate (As N)	0.418	0.150		mg/L	1	12/4/2006
Nitrogen, Nitrite (As N)	ND	0.150		mg/L	1	12/4/2006
Sulfate	192	0.500		mg/L	1	12/1/2006
SPECIFIC CONDUCTANCE		E120.1				Analyst: SB
Conductivity	153	1.00		µmhos/cm	1	11/13/2006 9:30:00 AM
PH		SW9045B				Analyst: SB
pH	7.34	0		pH Units	1	11/14/2006 6:10:00 AM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: JR
TDS	503	2.00		mg/L	1	11/10/2006
TURBIDITY FOR WATER		E180.1				Analyst: JR.
Turbidity	0.320	0		NTU	1	11/17/2006

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Anacon, Inc.
730 FM 1959
Houston, TX 77034
Phone: (281) 922-7000
Fax: (281) 481-0089

ANACON NUMBER	0611056
DATE COLLECTED	11/06/06
DATE RECEIVED	11/07/06
DATE OF REPORT	12/11/06

LAB ID: 0611056-001A **SAMPLE MATRIX:** Aqueous liquid

SAMPLE ID: Property Well H2O

RADIOLOGICAL ANALYSIS

PARAMETER	RESULT	UNITS OF MEASURE	D.L.	DATE ANALYZED
Gross Alpha	3.7 +/- 2.0	pCi/L	2.8	11/15/06
Gross Beta	2.2 +/- 2.1	pCi/L	2.3	11/15/06
Radium-226	0.22 +/- 0.19	pCi/L	0.26	11/18/06
Radium-228	0.11 +/- 0.37	pCi/L	0.61	11/17/06
Radon-222	110 +/- 14	pCi/L	17	11/08/06

Lab Manager _____

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Reported results represent only the sample tested.

Date: *17-Nov-06*

Anacon, Inc.

ANALYTICAL QC SUMMARY REPORT

CLIENT:

Work Order: 0611056

Project:

TestCode: 200.8

Sample ID: **BLANK WATER** | SampType: **MBLK** | TestCode: **200.8** | Units: **µg/L** | Prep Date: | Run ID: **ICP-MS #1_061116A**
Client ID: **ZZZZZ** | Batch ID: **R11005** | TestNo: **E200.8** | Analysis Date: **11/16/2006** | SeqNo: **129299**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.733									
Manganese	ND	0.137									

Sample ID: **LCS WATER** | SampType: **LCS** | TestCode: **200.8** | Units: **µg/L** | Prep Date: | Run ID: **ICP-MS #1_061116A**
Client ID: **ZZZZZ** | Batch ID: **R11005** | TestNo: **E200.8** | Analysis Date: **11/16/2006** | SeqNo: **129300**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	113.6	0.733	100	0	114	75	125	0	0		
Manganese	94.51	0.137	100	0	94.5	75	125	0	0		

Sample ID: **0611108-003A-MS** | SampType: **MS** | TestCode: **200.8** | Units: **µg/L** | Prep Date: | Run ID: **ICP-MS #1_061116A**
Client ID: **ZZZZZ** | Batch ID: **R11005** | TestNo: **E200.8** | Analysis Date: **11/16/2006** | SeqNo: **129302**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	583.8	0.733	500	11.41	114	70	130	0	0		
Manganese	501.7	0.137	500	24.48	95.4	70	130	0	0		

Sample ID: **0611108-003A-MSD** | SampType: **MSD** | TestCode: **200.8** | Units: **µg/L** | Prep Date: | Run ID: **ICP-MS #1_061116A**
Client ID: **ZZZZZ** | Batch ID: **R11005** | TestNo: **E200.8** | Analysis Date: **11/16/2006** | SeqNo: **129303**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	580.9	0.733	500	11.41	114	70	130	583.8	0.498	25	
Manganese	509.8	0.137	500	24.48	97.1	70	130	501.7	1.60	25	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Date: *15-Nov-06*

Anacon, Inc.

ANALYTICAL QC SUMMARY REPORT

CLIENT:

Work Order: 0611056

Project:

TestCode: 200.8M

Sample ID: **BLANK WATER** | SampType: **MBLK** | TestCode: **200.8M** | Units: **mg/L** | Prep Date: | Run ID: **ICP-MS #1_061114A**
Client ID: **ZZZZZ** | Batch ID: **R10958** | TestNo: **E200.8** | Analysis Date: **11/14/2006** | SeqNo: **128736**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	ND	0.134									
Sodium	ND	0.0510									

Sample ID: **LCS WATER** | SampType: **LCS** | TestCode: **200.8M** | Units: **mg/L** | Prep Date: | Run ID: **ICP-MS #1_061114A**
Client ID: **ZZZZZ** | Batch ID: **R10958** | TestNo: **E200.8** | Analysis Date: **11/14/2006** | SeqNo: **128737**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	0.972	0.134	1	0	97.2	75	125	0	0		
Sodium	0.9976	0.0510	1	0	99.8	75	125	0	0		

Sample ID: **0611027-001A-MS** | SampType: **MS** | TestCode: **200.8M** | Units: **mg/L** | Prep Date: | Run ID: **ICP-MS #1_061114A**
Client ID: **ZZZZZ** | Batch ID: **R10958** | TestNo: **E200.8** | Analysis Date: **11/14/2006** | SeqNo: **128739**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	0.9879	0.134	1	0	98.8	70	130	0	0		
Sodium	1.008	0.0510	1	0	101	70	130	0	0		

Sample ID: **0611027-001A-MSD** | SampType: **MSD** | TestCode: **200.8M** | Units: **mg/L** | Prep Date: | Run ID: **ICP-MS #1_061114A**
Client ID: **ZZZZZ** | Batch ID: **R10958** | TestNo: **E200.8** | Analysis Date: **11/14/2006** | SeqNo: **128740**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	1.001	0.134	1	0	100	70	130	0.9879	1.32	25	
Sodium	1.018	0.0510	1	0	102	70	130	1.008	0.987	25	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Anacon, Inc.
730 FM 1959
Houston, TX 77034

QA/QC REPORT - LCS

Sample ID: LCS
Anacon Number: 0611052, 0611056

Matrix: Aqueous Liquid
Units mg/l

Analyte / Method Number		Spike Conc.	LCS Conc.	% Recovery		Recovery Limits
Flouride - 300.0		20.00	20.8376	104.19		101-110
Chloride - 300.0		20.00	18.3366	91.68		90-105
Nitrite - 300.0		6.08	5.6517	92.96		90-110
Bromide - 300.0		20.00	18.1283	90.64		90-99
Nitrate - 300.0		4.52	4.2548	94.13		90-107
ortho phosphate - 300.0		6.52	5.8567	89.83		90-110
Sulfate - 300.0		20.00	18.8686	94.34		90-108

LCS Advisory Limits

RPD: 1 out of 7 outside of QC limits

*Matrix interference
**Sample too concentrated to spike

QA/QC Manager Mkizt

Anacon, Inc.
730 FM 1959
Houston, TX 77034

QA/QC REPORT - MS/MSD

Sample ID: 0611056-01 MS/MSD
Anacon Number: 0611052, 0611056

Matrix: Aqueous Liquid
Units mg/l

Analyte/Method Number		Sample	Spike Level	MS	% REC		MSD	% REC		RPD	QC LIMITS RPD	QC LIMITS % REC
Flouride - 300.0		0	2000.0	2097.37	105		2097.5	105		0.0	10	90-110
Chloride - 300.0		172.32	2000.0	1886.37	86		1848.4	84		2.0	10	90-110
Nitrite - 300.0		0	608.00	614.98	101		607.64	100		1.2	10	90-110
Bromide - 300.0		0	2000.0	1822.78	91		1806.6	90		0.9	10	90-110
Nitrate - 300.0		0	452.00	432.07	96		427.90	95		1.0	10	90-110
ortho-phosphate - 300.0		0	652.00	581.59	89		581.88	89		0.0	10	90-110
Sulfate - 300.0		289.56	2000.0	2111.27	91		2086.0	90		1.2	10	90-110

*Matrix Interference
**Sample too Concentrated for spiked amount

MS/MSD Advisory Limits

RPD: 0 out of 7 outside of QC limits
REC: 4 out of 14 oustide of QC limits

* Matrix Interference
** Sample too concentrated to spike

QA/QC Manager MLight

Anacon, Inc.
730 FM 1959
Houston, TX 77034

QA/QC REPORT - LCS

Sample ID: LCS
Anacon Number: 0611116,0611128,0611056 , 0611176, 0611208

Matrix: Aqueous Liquid
Units mg/l

Analyte / Method Number		Spike Conc.	LCS Conc.	% Recovery		Recovery Limits
Flouride - 300.0		20.00	22.9414	114.71		101-110
Chloride - 300.0		20.00	19.7664	98.83		90-105
Nitrite - 300.0		6.08	6.1989	101.96		90-110
Bromide - 300.0		20.00	19.2518	96.26		90-99
Nitrate - 300.0		4.52	4.4088	97.54		90-107
ortho phosphate - 300.0		6.52	5.9208	90.81		90-110
Sulfate - 300.0		20.00	19.9142	99.57		90-108

LCS Advisory Limits

RPD: 1 out of 7 outside of QC limits

*Matrix interference
**Sample too concentrated to spike

QA/QC Manager YMKigt

Anacon, Inc.
730 FM 1959
Houston, TX 77034

QA/QC REPORT - MS/MSD

Sample ID: 0611208-01 MS/MSD
Anacon Number: 0611116,0611128,0611056 , 0611176, 0611208

Matrix: Aqueous Liquid
Units mg/l

Analyte/Method Number	Sample	Spike Level	MS	% REC	MSD	% REC	RPD	QC LIMITS RPD	QC LIMITS % REC
Flouride - 300.0	0	20.00	23.95	120	24.23	121	1.2	10	90-110
Chloride - 300.0	15.12	20.00	37.56	112	37.02	109	1.5	10	90-110
Nitrite - 300.0	0.913	6.08	7.97	116	7.42	107	7.2	10	90-110
Bromide - 300.0	0	20.00	22.65	113	22.42	112	1.1	10	90-110
Nitrate - 300.0	1.4494	4.52	7.01	123	7.12	125	1.6	10	90-110
ortho-phosphate - 300.0	0	6.52	4.07	62	4.33	66	6.1	10	90-110

*Matrix Interference
**Sample too Concentrated for spiked amount

MS/MSD Advisory Limits

RPD: 0 out of 6 outside of QC limits
REC: 10 out of 12 oustide of QC limits

* Matrix Interference
** Sample too concentrated to spike

QA/QC Manager MKnight

CHAIN OF CUSTODY

0611056

FED-EX Tracking #	Bottle Order Control #
[redacted] Quote #	[redacted] Job #

Client / Reporting Information

[redacted]

Address

City Zip

Project Contact E-mail

Home Phone # 361/645-8550

Sampler's Name LYNN COOK

Project Information

Project Name URANIUM MINING

Street

City State

Project #

Fax #

Client Purchase Order #

Requested Analysis

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

[redacted] Sample #	Field ID / Point of Collection	SUMMA # MEOH Vial #	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	~~BLUE~~ 1/3 PO4	LAB USE ONLY
1	PROPERTY WELL H_2O		11/6/06	1300	LC	Liq	3			X						
1	Property Well H_2O		11/6/06	1300	LC	Liq	1					X				
1	Property Well H_2O		11/6/06	1300	LC	Liq	1			X						METALS
1	Property Well H_2O		11/6/06	1300	LC	Liq	1								X	

Turnaround Time (Business Days)

- ☐ 10 Day *STANDARD*
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*
- ☐ Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- ☐ Commercial "A"
- ☐ Commercial "B"
- ☐ Reduced Tier 1
- ☐ Full Tier 1
- ☐ TRRP13
- ☐ EDD Format _____

Commercial "A" = Results Only

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by	Date Time:	Received by:
1 Lynn Cook	11/6/06 1300hrs	M Knight 11/7/06	2		2
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

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ANALYTICAL SUMMARY REPORT

March 05, 2007

San Antonio River Authority
100 East Guenther St
San Antonio, TX 78283

Workorder No.: C07020520

Project Name: Goliad County Groundwater Conservation District

Energy Laboratories, Inc. received the following 12 samples from San Antonio River Authority on 2/14/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07020520-001	Well 1	02/13/07 8:25	02/14/07	Aqueous	Metals by ICP/ICPMS, Total Chloride Conductivity Nitrogen, Nitrite Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved Sulfate
C07020520-002	Well 2	02/13/07 8:54	02/14/07	Aqueous	Same As Above
C07020520-003	Well 3	02/13/07 9:20	02/14/07	Aqueous	Same As Above
C07020520-004	Well 4	02/13/07 10:06	02/14/07	Aqueous	Same As Above
C07020520-005	Well 5	02/13/07 11:00	02/14/07	Aqueous	Same As Above
C07020520-006	Well 6	02/13/07 11:35	02/14/07	Aqueous	Same As Above
C07020520-007	Well 7	02/13/07 12:05	02/14/07	Aqueous	Same As Above
C07020520-008	Well 8	02/13/07 13:15	02/14/07	Aqueous	Same As Above
C07020520-009	Well 9	02/13/07 13:50	02/14/07	Aqueous	Same As Above
C07020520-010	Well 10	02/13/07 14:43	02/14/07	Aqueous	Same As Above
C07020520-011	Well 11	02/13/07 15:35	02/14/07	Aqueous	Same As Above
C07020520-012	Well 12	02/13/07 16:17	02/14/07	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R.A. Searling
RODER SARLING
LABORATORY SUPERVISOR

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-001
Client Sample ID: Well 1

Report Date: 03/05/07
Collection Date: 02/13/07 08:25
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	118	mg/L		1		A4500-Cl B	02/16/07 16:02 / jl
Nitrogen, Nitrate+Nitrite as N	2.9	mg/L		0.1		E353.2	02/14/07 14:01 / jal
Sulfate	29	mg/L		1		A4500-SO4 E	02/16/07 10:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	1180	umhos/cm		1.0		A2510 B	02/14/07 14:46 / lm
Solids, Total Dissolved TDS @ 180 C	708	mg/L		10		A2540 C	02/14/07 13:46 / lm
METALS - TOTAL							
Arsenic	0.010	mg/L		0.001		E200.8	02/15/07 17:43 / bws
Selenium	0.007	mg/L		0.001		E200.8	02/15/07 17:43 / bws
Uranium	0.0033	mg/L		0.0003		E200.8	02/15/07 17:43 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	5.3	pCi/L		1.0		E900.0	02/27/07 04:03 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	02/27/07 04:03 / res
Gross Beta	3.2	pCi/L		2.0		E900.0	02/27/07 04:03 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/27/07 04:03 / res
Radon 222	170	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	43.3	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-002
Client Sample ID: Well 2

Report Date: 03/05/07
Collection Date: 02/13/07 08:54
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	~~1850~~ 117	mg/L		1		A4500-Cl B	02/16/07 16:03 / jl
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	02/14/07 14:04 / jal
Sulfate	19	mg/L		1		A4500-SO4 E	02/16/07 11:00 / ljl
PHYSICAL PROPERTIES							
Conductivity	1110	umhos/cm		1.0		A2510 B	02/14/07 14:48 / lm
Solids, Total Dissolved TDS @ 180 C	612	mg/L		10		A2540 C	02/14/07 13:46 / lm
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	02/16/07 20:31 / bws
Selenium	0.001	mg/L		0.001		E200.8	02/16/07 20:31 / bws
Uranium	ND	mg/L		0.0003		E200.8	02/16/07 20:31 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.0	pCi/L		1.0		E900.0	02/27/07 04:03 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	02/27/07 04:03 / res
Gross Beta	ND	pCi/L		2.0		E900.0	02/27/07 04:03 / res
Radon 222	653	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	49.3	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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ANALYTICAL SUMMARY REPORT

March 15, 2007

San Antonio River Authority
100 East Guenther St
San Antonio, TX 78283

Workorder No.: C07020592

Project Name: Goliad County Groundwater Conservation District

Energy Laboratories, Inc. received the following 8 samples from San Antonio River Authority on 2/15/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07020592-001	Well 13	02/14/07 8:49	02/15/07	Aqueous	Metals by ICP/ICPMS, Total Chloride Conductivity Nitrogen, Nitrite Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radium 228, Total Radon 222 Solids, Total Dissolved Sulfate
C07020592-002	Well 14	02/14/07 9:30	02/15/07	Aqueous	Same As Above
C07020592-003	Well 15	02/14/07 10:00	02/15/07	Aqueous	Same As Above
C07020592-004	Well 16	02/14/07 10:25	02/15/07	Aqueous	Same As Above
C07020592-005	Well 17	02/14/07 11:15	02/15/07	Aqueous	Same As Above
C07020592-006	Well 18	02/14/07 12:00	02/15/07	Aqueous	Same As Above
C07020592-007	Well 19	02/14/07 12:50	02/15/07	Aqueous	Same As Above
C07020592-008	Well 20	02/14/07 13:45	02/15/07	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R.A. Gulling
ROGER GULLING
LABORATORY SUPERVISOR

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page ____ of ____

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: San Antonio River Authority	Project Name, PWS #, Permit #, Etc.: Goliad County Groundwater Conservation District Groundwater monitoring prog
Report Mail Address: 600 E. Euclid Ave San Antonio, TX 78212-4405	Contact Name, Phone, Fax, E-mail: Ronnie Hernandez 210-302-3609 — Sampler Name if other than Contact:
Invoice Address: Same as above	Invoice Contact & Phone #: — Purchase Order #: — ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:
NELAC ☐ A2LA ☐ Level IV ☐
Other _____
EDD/EDT ☐ Format _____

Number of Containers — Sample Type: A W S V B O — Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Comments: Also, See Attached List for the list of Analysis requested

Shipped by: FedEx
Cooler ID(s): C101
Receipt Temp: 5.6 °C
Custody Seal Intact: Y N
Signature Match: Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	TDS	Conductivity	Sulfate	Chloride	Nitrate	Arsenic	Gross alpha/beta	Radium 226 & Selenium	Radon 222 & Uranium	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments	Lab ID
1	Well # 13	2-14-07	0849		✓	✓	✓	✓	✓	✓	✓	✓	✓					
2	" 14		0930															
3	" 15		1000															
4	" 16		1025															
5	" 17		1115															
6	" 18		1200															
7	" 19		1250															
8	" 20		1345															C07020592
9																		
10																		

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Ronnie Hernandez	2-14-07 1802	[signature]		2/15/07 1500	[signature]

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at *www.energylab.com* for additional information, downloadable fee schedule, forms, & links.

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Track#C07020592 Page 10

Chain of Custody and Analytical Request Record

Page ____ of ____

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: San Antonio River Authority

Project Name, PWS #, Permit #, Etc.: Gillad County Groundwater Conservation District Groundwater monitoring pro

Report Mail Address: 600 E. Euclid Ave San Antonio, TX 78212-4405

Contact Name, Phone, Fax, E-mail: Ronnie Hernandez 210-302-3609

Sampler Name if other than Contact:

Invoice Address: Same as above

Invoice Contact & Phone #:

Purchase Order #:

ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Shipped by: FedEx

Cooler ID(s): C717

Receipt Temp: 5.6°C

Custody Seal Intact: Y

Signature Match: Y

Lab ID: Y

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	Number of Containers / Sample Type: A W S V B O / Air Water Soils/Solids Vegetation Bioassay Other MATRIX	TDS	Conductivity	Sulfate	Chloride	Nitrate	Arsenic	Gross Alpha/beta	Radium 226 & Selenium	Radon 222 & Uranium	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments
1	Well # 13	2-14-07	0849		✓	✓	✓	✓	✓	✓	✓	✓	✓				Also, See Attached List for the list of analysis requested
2	" 14		0930														
3	" 15		1000														
4	" 16		1025														
5	" 17		1115														
6	" 18		1200														
7	" 19		1250														
8	" 20		1345														
9																	
10																	

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Ronnie Hernandez	2-14-07 1800		Linda Traber	2/15/06 1500	
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-003
Client Sample ID: Well 3

Report Date: 03/05/07
Collection Date: 02/13/07 09:20
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	101	mg/L		1		A4500-Cl B	02/16/07 16:04 / jl
Nitrogen, Nitrate+Nitrite as N	1.0	mg/L		0.1		E353.2	02/14/07 14:06 / jal
Sulfate	26	mg/L		1		A4500-SO4 E	02/16/07 11:06 / ljl
PHYSICAL PROPERTIES							
Conductivity	910	umhos/cm		1.0		A2510 B	02/14/07 14:50 / lm
Solids, Total Dissolved TDS @ 180 C	558	mg/L		10		A2540 C	02/14/07 13:47 / lm
METALS - TOTAL							
Arsenic	0.006	mg/L		0.001		E200.8	02/15/07 17:52 / bws
Selenium	0.002	mg/L		0.001		E200.8	02/15/07 17:52 / bws
Uranium	0.0014	mg/L		0.0003		E200.8	02/15/07 17:52 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.4	pCi/L		1.0		E900.0	02/27/07 04:03 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	02/27/07 04:03 / res
Gross Beta	2.7	pCi/L		2.0		E900.0	02/27/07 04:03 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/27/07 04:03 / res
Radon 222	198	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	43.4	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-004
Client Sample ID: Well 4

Report Date: 03/05/07
Collection Date: 02/13/07 10:06
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	180	mg/L		1		A4500-Cl B	02/16/07 16:06 / jl
Nitrogen, Nitrate+Nitrite as N	0.4	mg/L		0.1		E353.2	02/14/07 14:09 / jal
Sulfate	50	mg/L		1		A4500-SO4 E	02/16/07 11:15 / ljl
PHYSICAL PROPERTIES							
Conductivity	1150	umhos/cm		1.0		A2510 B	02/14/07 14:51 / lm
Solids, Total Dissolved TDS @ 180 C	688	mg/L		10		A2540 C	02/14/07 13:47 / lm
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	02/15/07 17:57 / bws
Selenium	0.002	mg/L		0.001		E200.8	02/15/07 17:57 / bws
Uranium	0.0146	mg/L		0.0003		E200.8	02/15/07 17:57 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	18.0	pCi/L		1.0		E900.0	02/27/07 04:03 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	02/27/07 04:03 / res
Gross Beta	5.4	pCi/L		2.0		E900.0	02/27/07 04:03 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/27/07 04:03 / res
Radon 222	197	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	43.1	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-005
Client Sample ID: Well 5

Report Date: 03/05/07
Collection Date: 02/13/07 11:00
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	96	mg/L		1		A4500-Cl B	02/16/07 16:07 / jl
Nitrogen, Nitrate+Nitrite as N	0.4	mg/L	D	0.2		E353.2	02/14/07 14:11 / jal
Sulfate	17	mg/L		1		A4500-SO4 E	02/16/07 11:20 / ljl
PHYSICAL PROPERTIES							
Conductivity	903	umhos/cm		1.0		A2510 B	02/14/07 14:54 / lm
Solids, Total Dissolved TDS @ 180 C	542	mg/L		10		A2540 C	02/14/07 13:48 / lm
METALS - TOTAL							
Arsenic	0.008	mg/L		0.001		E200.8	02/15/07 18:02 / bws
Selenium	0.003	mg/L		0.001		E200.8	02/15/07 18:02 / bws
Uranium	0.0010	mg/L		0.0003		E200.8	02/15/07 18:02 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	3.1	pCi/L		1.0		E900.0	02/27/07 04:03 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	02/27/07 04:03 / res
Gross Beta	ND	pCi/L		2.0		E900.0	02/27/07 04:03 / res
Radon 222	182	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	42.6	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-006
Client Sample ID: Well 6

Report Date: 03/05/07
Collection Date: 02/13/07 11:35
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	154	mg/L		1		A4500-Cl B	02/16/07 16:08 / jl
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	02/14/07 14:19 / jal
Sulfate	2	mg/L		1		A4500-SO4 E	02/16/07 11:26 / ijl
PHYSICAL PROPERTIES							
Conductivity	860	umhos/cm		1.0		A2510 B	02/14/07 14:55 / lm
Solids, Total Dissolved TDS @ 180 C	486	mg/L		10		A2540 C	02/14/07 13:48 / lm
METALS - TOTAL							
Arsenic	0.039	mg/L		0.001		E200.8	02/16/07 20:39 / bws
Selenium	0.001	mg/L		0.001		E200.8	02/16/07 20:39 / bws
Uranium	ND	mg/L		0.0003		E200.8	02/16/07 20:39 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	3.2	pCi/L		1.0		E900.0	02/28/07 03:22 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	02/28/07 03:22 / res
Gross Beta	3.7	pCi/L		2.0		E900.0	02/28/07 03:22 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/28/07 03:22 / res
Radon 222	238	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	43.2	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	1.0	pCi/L		0.2		E903.0	02/21/07 15:14 / crw
Radium 226 precision (±)	0.3	pCi/L				E903.0	02/21/07 15:14 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-007
Client Sample ID: Well 7

Report Date: 03/05/07
Collection Date: 02/13/07 12:05
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	166	mg/L		1		A4500-Cl B	02/16/07 16:09 / jl
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	02/14/07 14:21 / jal
Sulfate	28	mg/L		1		A4500-SO4 E	02/16/07 11:30 / ljl
PHYSICAL PROPERTIES							
Conductivity	1030	umhos/cm		1.0		A2510 B	02/14/07 14:57 / lm
Solids, Total Dissolved TDS @ 180 C	570	mg/L		10		A2540 C	02/14/07 13:48 / lm
METALS - TOTAL							
Arsenic	0.001	mg/L		0.001		E200.8	02/15/07 18:25 / bws
Selenium	0.001	mg/L		0.001		E200.8	02/15/07 18:25 / bws
Uranium	0.0016	mg/L		0.0003		E200.8	02/15/07 18:25 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	5.0	pCi/L		1.0		E900.0	02/28/07 03:22 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	02/28/07 03:22 / res
Gross Beta	5.2	pCi/L		2.0		E900.0	02/28/07 03:22 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/28/07 03:22 / res
Radon 222	223	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	42.0	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-008
Client Sample ID: Well 8

Report Date: 03/05/07
Collection Date: 02/13/07 13:15
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	128	mg/L		1		A4500-Cl B	02/16/07 16:10 / jl
Nitrogen, Nitrate+Nitrite as N	0.7	mg/L		0.1		E353.2	02/14/07 14:24 / jal
Sulfate	30	mg/L		1		A4500-SO4 E	02/16/07 11:34 / ljl
PHYSICAL PROPERTIES							
Conductivity	935	umhos/cm		1.0		A2510 B	02/14/07 14:59 / lm
Solids, Total Dissolved TDS @ 180 C	578	mg/L		10		A2540 C	02/14/07 13:48 / lm
METALS - TOTAL							
Arsenic	0.007	mg/L		0.001		E200.8	02/15/07 18:30 / bws
Selenium	0.003	mg/L		0.001		E200.8	02/15/07 18:30 / bws
Uranium	0.0021	mg/L		0.0003		E200.8	02/15/07 18:30 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	5.4	pCi/L		1.0		E900.0	02/28/07 03:22 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	02/28/07 03:22 / res
Gross Beta	4.1	pCi/L		2.0		E900.0	02/28/07 03:22 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/28/07 03:22 / res
Radon 222	179	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	41.9	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-009
Client Sample ID: Well 9

Report Date: 03/05/07
Collection Date: 02/13/07 13:50
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	111	mg/L		1		A4500-Cl B	02/16/07 16:12 / jl
Nitrogen, Nitrate+Nitrite as N	0.6	mg/L		0.1		E353.2	02/14/07 14:26 / jal
Sulfate	29	mg/L		1		A4500-SO4 E	02/16/07 12:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	876	umhos/cm		1.0		A2510 B	02/14/07 15:01 / lm
Solids, Total Dissolved TDS @ 180 C	538	mg/L		10		A2540 C	02/14/07 13:49 / lm
METALS - TOTAL							
Arsenic	0.013	mg/L		0.001		E200.8	02/15/07 19:45 / bws
Selenium	0.001	mg/L		0.001		E200.8	02/15/07 19:45 / bws
Uranium	0.0020	mg/L		0.0003		E200.8	02/15/07 19:45 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	6.2	pCi/L		1.0		E900.0	02/28/07 03:22 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	02/28/07 03:22 / res
Gross Beta	5.8	pCi/L		2.0		E900.0	02/28/07 03:22 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/28/07 03:22 / res
Radon 222	107	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	40.8	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-010
Client Sample ID: Well 10

Report Date: 03/05/07
Collection Date: 02/13/07 14:43
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	417	mg/L		1		A4500-Cl B	02/16/07 16:15 / jl
Nitrogen, Nitrate+Nitrite as N	12.7	mg/L	D	0.2		E353.2	02/14/07 14:29 / jal
Sulfate	150	mg/L	D	1		A4500-SO4 E	02/16/07 12:57 / ljl
PHYSICAL PROPERTIES							
Conductivity	2200	umhos/cm		1.0		A2510 B	02/14/07 15:03 / lm
Solids, Total Dissolved TDS @ 180 C	1390	mg/L		10		A2540 C	02/14/07 13:49 / lm
METALS - TOTAL							
Arsenic	0.013	mg/L		0.001		E200.8	02/15/07 19:50 / bws
Selenium	0.011	mg/L		0.001		E200.8	02/15/07 19:50 / bws
Uranium	0.0038	mg/L		0.0003		E200.8	02/15/07 19:50 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	6.2	pCi/L		1.0		E900.0	02/28/07 03:22 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	02/28/07 03:22 / res
Gross Beta	11.7	pCi/L		2.0		E900.0	02/28/07 03:22 / res
Gross Beta precision (±)	2.9	pCi/L				E900.0	02/28/07 03:22 / res
Radon 222	205	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	41.9	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	1.8	pCi/L		0.2		E903.0	02/21/07 15:14 / crw
Radium 226 precision (±)	0.4	pCi/L				E903.0	02/21/07 15:14 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-011
Client Sample ID: Well 11

Report Date: 03/05/07
Collection Date: 02/13/07 15:35
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	55	mg/L		1		A4500-Cl B	02/16/07 16:16 / jl
Nitrogen, Nitrate+Nitrite as N	0.8	mg/L		0.1		E353.2	02/14/07 14:39 / jal
Sulfate	17	mg/L		1		A4500-SO4 E	02/16/07 13:01 / ljl
PHYSICAL PROPERTIES							
Conductivity	680	umhos/cm		1.0		A2510 B	02/14/07 15:05 / lm
Solids, Total Dissolved TDS @ 180 C	406	mg/L		10		A2540 C	02/14/07 13:49 / lm
METALS - TOTAL							
Arsenic	0.011	mg/L		0.001		E200.8	02/15/07 19:54 / bws
Selenium	0.001	mg/L		0.001		E200.8	02/15/07 19:54 / bws
Uranium	0.0016	mg/L		0.0003		E200.8	02/15/07 19:54 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	4.0	pCi/L		1.0		E900.0	02/28/07 03:22 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	02/28/07 03:22 / res
Gross Beta	4.8	pCi/L		2.0		E900.0	02/28/07 03:22 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/28/07 03:22 / res
Radon 222	162	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	41.0	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-012
Client Sample ID: Well 12

Report Date: 03/05/07
Collection Date: 02/13/07 16:17
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	171	mg/L		1		A4500-Cl B	02/16/07 16:17 / jl
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	02/14/07 14:41 / jal
Sulfate	45	mg/L		1		A4500-SO4 E	02/16/07 13:15 / ljl
PHYSICAL PROPERTIES							
Conductivity	1130	umhos/cm		1.0		A2510 B	02/14/07 15:07 / lm
Solids, Total Dissolved TDS @ 180 C	662	mg/L		10		A2540 C	02/14/07 13:49 / lm
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	02/15/07 19:59 / bws
Selenium	0.005	mg/L		0.001		E200.8	02/15/07 19:59 / bws
Uranium	0.0102	mg/L		0.0003		E200.8	02/15/07 19:59 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	11.9	pCi/L		1.0		E900.0.	02/28/07 03:22 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	02/28/07 03:22 / res
Gross Beta	7.0	pCi/L		2.0		E900.0	02/28/07 03:22 / res
Gross Beta precision (±)	1.5	pCi/L				E900.0	02/28/07 03:22 / res
Radon 222	216	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	41.6	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 16:23 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020592-001
Client Sample ID: Well 13

Report Date: 03/15/07
Collection Date: 02/14/07 08:49
DateReceived: 02/15/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	152	mg/L		1		A4500-Cl B	02/21/07 09:10 / jl
Nitrogen, Nitrate+Nitrite as N	1.9	mg/L		0.1		E353.2	02/16/07 10:45 / jal
Sulfate	39	mg/L		1		A4500-SO4 E	02/21/07 09:57 / ljl
PHYSICAL PROPERTIES							
Conductivity	1080	umhos/cm		1.0		A2510 B	02/16/07 11:40 / lm
Solids, Total Dissolved TDS @ 180 C	596	mg/L		10		A2540 C	02/16/07 15:00 / lm
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	02/22/07 18:49 / bws
Selenium	0.004	mg/L		0.001		E200.8	02/22/07 18:49 / bws
Uranium	0.0073	mg/L		0.0003		E200.8	02/22/07 18:49 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	9.8	pCi/L		1.0		E900.0	03/05/07 00:44 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	03/05/07 00:44 / res
Gross Beta	4.2	pCi/L		2.0		E900.0	03/05/07 00:44 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	03/05/07 00:44 / res
Radon 222	2580	pCi/L		100		D5072-92	02/16/07 12:20 / dpb
Radon 222 precision (±)	75.4	pCi/L				D5072-92	02/16/07 12:20 / dpb
Radium 226	0.8	pCi/L		0.2		E903.0	03/06/07 09:55 / crw
Radium 226 precision (±)	0.4	pCi/L				E903.0	03/06/07 09:55 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020592-002
Client Sample ID: Well 14

Report Date: 03/15/07
Collection Date: 02/14/07 09:30
DateReceived: 02/15/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	156	mg/L		1		A4500-Cl B	02/21/07 09:11 / jl
Nitrogen, Nitrate+Nitrite as N	2.0	mg/L		0.1		E353.2	02/16/07 10:53 / jal
Sulfate	30	mg/L		1		A4500-SO4 E	02/21/07 10:06 / ljl
PHYSICAL PROPERTIES							
Conductivity	1080	umhos/cm		1.0		A2510 B	02/16/07 11:42 / lm
Solids, Total Dissolved TDS @ 180 C	638	mg/L		10		A2540 C	02/16/07 15:00 / lm
METALS - TOTAL							
Arsenic	0.012	mg/L		0.001		E200.8	02/24/07 01:31 / sml
Selenium	0.003	mg/L		0.001		E200.8	02/24/07 01:31 / sml
Uranium	0.0009	mg/L		0.0003		E200.8	02/26/07 16:42 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	4.8	pCi/L		1.0		E900.0	03/05/07 00:44 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/05/07 00:44 / res
Gross Beta	4.6	pCi/L		2.0		E900.0	03/05/07 00:44 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	03/05/07 00:44 / res
Radon 222	263	pCi/L		100		D5072-92	02/16/07 12:20 / dpb
Radon 222 precision (±)	50.1	pCi/L				D5072-92	02/16/07 12:20 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/06/07 09:55 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020592-003
Client Sample ID: Well 15

Report Date: 03/15/07
Collection Date: 02/14/07 10:00
DateReceived: 02/15/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	124	mg/L		1		A4500-Cl B	02/21/07 09:12 / jl
Nitrogen, Nitrate+Nitrite as N	1.6	mg/L		0.1		E353.2	02/16/07 10:55 / jal
Sulfate	39	mg/L		1		A4500-SO4 E	02/21/07 10:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	956	umhos/cm		1.0		A2510 B	02/16/07 11:44 / lm
Solids, Total Dissolved TDS @ 180 C	520	mg/L		10		A2540 C	02/16/07 15:00 / lm
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	02/24/07 01:24 / sml
Selenium	0.003	mg/L		0.001		E200.8	02/24/07 01:24 / sml
Uranium	0.0030	mg/L		0.0003		E200.8	02/26/07 16:36 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	2.7	pCi/L		1.0		E900.0	03/05/07 00:44 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	03/05/07 00:44 / res
Gross Beta	ND	pCi/L		2.0		E900.0	03/05/07 00:44 / res
Radon 222	178	pCi/L		100		D5072-92	02/16/07 12:20 / dpb
Radon 222 precision (±)	48.8	pCi/L				D5072-92	02/16/07 12:20 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/06/07 09:55 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020592-004
Client Sample ID: Well 16

Report Date: 03/15/07
Collection Date: 02/14/07 10:25
DateReceived: 02/15/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	176	mg/L		1		A4500-Cl B	02/21/07 09:13 / jl
Nitrogen, Nitrate+Nitrite as N	1.8	mg/L		0.1		E353.2	02/16/07 10:58 / jal
Sulfate	40	mg/L		1		A4500-SO4 E	02/21/07 10:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	1100	umhos/cm		1.0		A2510 B	02/16/07 11:46 / lm
Solids, Total Dissolved TDS @ 180 C	608	mg/L		10		A2540 C	02/16/07 15:00 / lm
METALS - TOTAL							
Arsenic	0.001	mg/L		0.001		E200.8	02/22/07 19:19 / bws
Selenium	0.003	mg/L		0.001		E200.8	02/22/07 19:19 / bws
Uranium	0.0031	mg/L		0.0003		E200.8	02/22/07 19:19 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.7	pCi/L		1.0		E900.0	03/05/07 00:44 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	03/05/07 00:44 / res
Gross Beta	ND	pCi/L		2.0		E900.0	03/05/07 00:44 / res
Radon 222	278	pCi/L		100		D5072-92	02/16/07 12:20 / dpb
Radon 222 precision (±)	50.0	pCi/L				D5072-92	02/16/07 12:20 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/06/07 09:55 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020592-005
Client Sample ID: Well 17

Report Date: 03/15/07
Collection Date: 02/14/07 11:15
DateReceived: 02/15/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	144	mg/L		1		A4500-Cl B	02/21/07 09:14 / jl
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	02/16/07 11:00 / jal
Sulfate	41	mg/L		1		A4500-SO4 E	02/21/07 10:28 / ljl
PHYSICAL PROPERTIES							
Conductivity	1060	umhos/cm		1.0		A2510 B	02/16/07 11:48 / lm
Solids, Total Dissolved TDS @ 180 C	542	mg/L		10		A2540 C	02/16/07 15:00 / lm
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	02/22/07 19:26 / bws
Selenium	0.002	mg/L		0.001		E200.8	02/22/07 19:26 / bws
Uranium	0.0072	mg/L		0.0003		E200.8	02/22/07 19:26 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	5.4	pCi/L		1.0		E900.0	03/06/07 04:59 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	03/06/07 04:59 / res
Gross Beta	3.7	pCi/L		2.0		E900.0	03/06/07 04:59 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	03/06/07 04:59 / res
Radon 222	276	pCi/L		100		D5072-92	02/16/07 12:20 / dpb
Radon 222 precision (±)	49.7	pCi/L				D5072-92	02/16/07 12:20 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/06/07 09:55 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020592-006
Client Sample ID: Well 18

Report Date: 03/15/07
Collection Date: 02/14/07 12:00
DateReceived: 02/15/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	142	mg/L		1		A4500-Cl B	02/21/07 09:15 / jl
Nitrogen, Nitrate+Nitrite as N	1.9	mg/L	D	0.2		E353.2	02/16/07 11:03 / jal
Sulfate	17	mg/L		1		A4500-SO4 E	02/21/07 10:30 / ljl
PHYSICAL PROPERTIES							
Conductivity	1020	umhos/cm		1.0		A2510 B	02/16/07 11:51 / lm
Solids, Total Dissolved TDS @ 180 C	534	mg/L		10		A2540 C	02/16/07 15:00 / lm
METALS - TOTAL							
Arsenic	0.005	mg/L		0.001		E200.8	02/22/07 20:04 / bws
Selenium	0.002	mg/L		0.001		E200.8	02/22/07 20:04 / bws
Uranium	0.0024	mg/L		0.0003		E200.8	02/22/07 20:04 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.5	pCi/L		1.0		E900.0	03/06/07 04:59 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	03/06/07 04:59 / res
Gross Beta	5.8	pCi/L		2.0		E900.0	03/06/07 04:59 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	03/06/07 04:59 / res
Radon 222	242	pCi/L		100		D5072-92	02/16/07 12:20 / dpb
Radon 222 precision (±)	48.9	pCi/L				D5072-92	02/16/07 12:20 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/06/07 11:04 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: 107563
Project Name:
Sample Location: House Well
Sample Date: 07/23/2007
Sample Time: 14:42

Company: Goliad County Ground Water
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963

	results*	SDWA[1]	Method
pH (units)[3]	6.68	6.5-8.5	SM 4500-H+B
Electrical Conductivity (umhos/cm)	777	NECL	EPA 120.1
Total Dissolved Solids[3]	382	500	by meter
Chloride[3]	70	250	SM4110B
Fluoride[2]	0.5	4.0	SM4110B
Nitrate[2]	4.4	10	SM4110B
Phosphate	<0.32	NECL	SM4110B
Sulfate[3]	10.8	250	SM4110B
Total Hardness	271	NECL	SM 2340B

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	EPA 200.7
Barium[2]	0.234	2.000	EPA 200.7
Cadmium[2]	<0.002	0.005	EPA 200.7
Chromium[2]	<0.005	0.100	EPA 200.7
Copper[2]	<0.005	1.300**	EPA 200.7
Iron[3]	<0.01	0.300	EPA 200.7
Lead[2]	<0.01	0.015**	EPA 200.7
Mercury[2]	<0.0002	0.002	EPA 245.1
Selenium[2]	<0.03	0.050	EPA 200.7
Silver[3]	<0.007	0.100	EPA 200.7
Calcium	88.0	NECL	EPA 200.7
Magnesium	12.5	NECL	EPA 200.7
Sodium	57.0	NECL	EPA 200.7
Aluminum[3]	<0.01	0.05-0.2	EPA 200.7

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

Environmental Testing Laboratory

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	GCGCD	Company:	Same
Address:	P.O. Box 562	Address:	
	Goliad, TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	361-645-1716	Phone:	
Fax:	361-645-1772	Fax:	
Project:		PO#:	

NUMBER OF CONTAINERS

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses: Fluorine ranch Scan

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Fluorine ranch Scan								Lab Sample ID (Lab Use Only)
	House well	W	7/23/07	2:42pm.	1L	P	1		X	X							107563

Sampler Name: Barbara Smith

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Barbara Smith	7/25/07	4:10 pm.	Kurt Fardenatti	7/23/07	1610

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☒ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: not Onice

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: GCCCD

Date Received: 7/23/07

BE Sample #: 107563

Checklist Completed By: KZandrnatti
Signature

Carrier Name: NA

Shipping container/cooler in good condition?	KZ 7/23 YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: _____

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020592-007
Client Sample ID: Well 19

Report Date: 03/15/07
Collection Date: 02/14/07 12:50
DateReceived: 02/15/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	289	mg/L		1		A4500-Cl B	02/21/07 09:16 / jl
Nitrogen, Nitrate+Nitrite as N	0.5	mg/L		0.1		E353.2	02/16/07 11:13 / jal
Sulfate	67	mg/L		1		A4500-SO4 E	02/21/07 10:32 / ljl
PHYSICAL PROPERTIES							
Conductivity	1550	umhos/cm		1.0		A2510 B	02/16/07 11:55 / lm
Solids, Total Dissolved TDS @ 180 C	902	mg/L		10		A2540 C	02/16/07 15:01 / lm
METALS - TOTAL							
Arsenic	0.011	mg/L		0.001		E200.8	02/22/07 20:11 / bws
Selenium	0.007	mg/L		0.001		E200.8	02/22/07 20:11 / bws
Uranium	0.0055	mg/L		0.0003		E200.8	02/22/07 20:11 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	7.5	pCi/L		1.0		E900.0	03/06/07 04:59 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	03/06/07 04:59 / res
Gross Beta	5.6	pCi/L		2.0		E900.0	03/06/07 04:59 / res
Gross Beta precision (±)	2.0	pCi/L				E900.0	03/06/07 04:59 / res
Radon 222	832	pCi/L		100		D5072-92	02/16/07 12:20 / dpb
Radon 222 precision (±)	56.1	pCi/L				D5072-92	02/16/07 12:20 / dpb
Radium 226	1.1	pCi/L		0.2		E903.0	03/06/07 11:04 / crw
Radium 226 precision (±)	0.4	pCi/L				E903.0	03/06/07 11:04 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020592-008
Client Sample ID: Well 20

Report Date: 03/15/07
Collection Date: 02/14/07 13:45
DateReceived: 02/15/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	452	mg/L		1		A4500-Cl B	02/21/07 09:18 / jl
Nitrogen, Nitrate+Nitrite as N	1.1	mg/L		0.1		E353.2	02/16/07 11:15 / jal
Sulfate	63	mg/L		1		A4500-SO4 E	02/21/07 10:47 / ljl
PHYSICAL PROPERTIES							
Conductivity	2010	umhos/cm		1.0		A2510 B	02/16/07 11:57 / lm
Solids, Total Dissolved TDS @ 180 C	1160	mg/L		10		A2540 C	02/16/07 15:01 / lm
METALS - TOTAL							
Arsenic	0.011	mg/L		0.001		E200.8	02/22/07 20:19 / bws
Selenium	0.008	mg/L		0.001		E200.8	02/22/07 20:19 / bws
Uranium	0.0066	mg/L		0.0003		E200.8	02/22/07 20:19 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	7.6	pCi/L		1.0		E900.0	03/06/07 04:59 / res
Gross Alpha precision (±)	0.8	pCi/L				E900.0	03/06/07 04:59 / res
Gross Beta	9.4	pCi/L		2.0		E900.0	03/06/07 04:59 / res
Gross Beta precision (±)	2.0	pCi/L				E900.0	03/06/07 04:59 / res
Radon 222	238	pCi/L		100		D5072-92	02/16/07 12:20 / dpb
Radon 222 precision (±)	48.3	pCi/L				D5072-92	02/16/07 12:20 / dpb
Radium 226	1.2	pCi/L		0.2		E903.0	03/06/07 11:04 / crw
Radium 226 precision (±)	0.4	pCi/L				E903.0	03/06/07 11:04 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-001
Client Sample ID: Well 1

Report Date: 03/22/07
Collection Date: 02/27/07 08:21
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	198	mg/L		1		A2320 B	03/01/07 13:23 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	03/01/07 13:23 / jaj
Bicarbonate as HCO3	242	mg/L		1		A2320 B	03/01/07 13:23 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	03/01/07 13:23 / jaj
Bromide	0.89	mg/L		0.50		E300.0	03/02/07 19:40 / bt
Calcium	124	mg/L		0.5		E200.7	03/12/07 13:36 / ts
Chloride	286	mg/L		1		E200.7	03/12/07 13:36 / ts
Fluoride	0.7	mg/L		0.1		A4500-F C	03/01/07 09:59 / jaj
Magnesium	27.0	mg/L		0.5		E200.7	03/12/07 13:36 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	03/02/07 14:45 / ljl
Nitrogen, Nitrate+Nitrite as N	1.1	mg/L		0.1		E353.2	03/01/07 11:45 / jal
Potassium	4.05	mg/L	D	0.08		E200.7	03/12/07 13:36 / ts
Silica	37.9	mg/L		0.1		E200.7	03/12/07 13:36 / ts
Sodium	134	mg/L		0.5		E200.7	03/12/07 13:36 / ts
Sulfate	39	mg/L		1		E200.7	03/12/07 13:36 / ts
NON-METALS							
Organic Carbon, Total (TOC)	ND	mg/L		0.5		A5310 C	03/07/07 21:58 / jl
PHYSICAL PROPERTIES							
Conductivity	1460	umhos/cm		1.0		A2510 B	02/28/07 17:18 / lm
Hardness as CaCO3	420	mg/L		6.5		A2340 B	03/13/07 15:15 / sec
Turbidity	0.45	NTU		0.10		A2130 B	02/28/07 13:50 / aln
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	780	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.001	mg/L		0.001		E200.8	03/06/07 23:00 / sml
Cadmium	ND	mg/L		0.0005		E200.8	03/06/07 23:00 / sml
Iron	ND	mg/L		0.03		E200.7	03/12/07 13:36 / ts
Lead	ND	mg/L		0.001		E200.8	03/06/07 23:00 / sml
Manganese	ND	mg/L		0.001		E200.8	03/06/07 23:00 / sml
Mercury	ND	mg/L		0.0005		E200.8	03/06/07 23:00 / sml
Molybdenum	0.002	mg/L		0.001		E200.8	03/06/07 23:00 / sml
Selenium	0.005	mg/L		0.001		E200.8	03/06/07 23:00 / sml
Uranium	0.0029	mg/L		0.0003		E200.8	03/06/07 23:00 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-001
Client Sample ID: Well 1

Report Date: 03/22/07
Collection Date: 02/27/07 08:21
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.8	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	280	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	48.7	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 09:14 / crw
DATA QUALITY							
A/C Balance (± 5)	4.92	%				Calculation	03/13/07 13:34 / bws
Anions	13.0	meq/L				Calculation	03/13/07 13:34 / bws
Cations	14.3	meq/L				Calculation	03/13/07 13:34 / bws

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-002
Client Sample ID: Well 2

Report Date: 03/22/07
Collection Date: 02/27/07 09:00
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	94	mg/L		1		E200.7	03/12/07 13:43 / ts
Nitrogen, Nitrate+Nitrite as N	11.1	mg/L	D	0.3		E353.2	03/01/07 11:48 / jal
Sulfate	23	mg/L		1		E200.7	03/12/07 13:43 / ts
PHYSICAL PROPERTIES							
Conductivity	977	umhos/cm		1.0		A2510 B	02/28/07 17:20 / lm
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	540	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.006	mg/L		0.001		E200.8	03/08/07 07:51 / sml
Selenium	0.004	mg/L		0.001		E200.8	03/08/07 07:51 / sml
Uranium	0.0006	mg/L		0.0003		E200.8	03/08/07 07:51 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Radon 222	262	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	48.2	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 10:15 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-003
Client Sample ID: Well 3

Report Date: 03/22/07
Collection Date: 02/27/07 09:29
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	69	mg/L		1		E200.7	03/12/07 13:55 / ts
Nitrogen, Nitrate+Nitrite as N	0.7	mg/L		0.1		E353.2	03/01/07 11:50 / jal
Sulfate	24	mg/L		1		E200.7	03/12/07 13:55 / ts
PHYSICAL PROPERTIES							
Conductivity	764	umhos/cm		1.0		A2510 B	02/28/07 17:22 / lm
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	420	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.007	mg/L		0.001		E200.8	03/08/07 07:59 / sml
Selenium	0.002	mg/L		0.001		E200.8	03/08/07 07:59 / sml
Uranium	0.0019	mg/L		0.0003		E200.8	03/08/07 07:59 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	3.1	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	277	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	48.2	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 11:15 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-004
Client Sample ID: Well 4

Report Date: 03/22/07
Collection Date: 02/27/07 10:05
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	66	mg/L		1		E200.7	03/12/07 13:59 / ts
Nitrogen, Nitrate+Nitrite as N	0.6	mg/L		0.1		E353.2	03/01/07 12:00 / jal
Sulfate	22	mg/L		1		E200.7	03/12/07 13:59 / ts
PHYSICAL PROPERTIES							
Conductivity	733	umhos/cm		1.0		A2510 B	02/28/07 17:27 / lm
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	400	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.004	mg/L		0.001		E200.8	03/08/07 08:06 / sml
Selenium	0.004	mg/L		0.001		E200.8	03/08/07 08:06 / sml
Uranium	0.0014	mg/L		0.0003		E200.8	03/08/07 08:06 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	1.6	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	1360	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	60.6	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	0.7	pCi/L		0.2		E903.0	03/12/07 12:16 / crw
Radium 226 precision (±)	0.3	pCi/L				E903.0	03/12/07 12:16 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-005
Client Sample ID: Well 5

Report Date: 03/22/07
Collection Date: 02/27/07 10:35
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	149	mg/L		1		E200.7	03/12/07 14:02 / ts
Nitrogen, Nitrate+Nitrite as N	3.7	mg/L		0.1		E353.2	03/01/07 12:03 / jal
Sulfate	20	mg/L		1		E200.7	03/12/07 14:02 / ts
PHYSICAL PROPERTIES							
Conductivity	1110	umhos/cm		1.0		A2510 B	02/28/07 17:29 / lm
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	610	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.014	mg/L		0.001		E200.8	03/08/07 20:29 / sml
Selenium	0.003	mg/L		0.001		E200.8	03/08/07 20:29 / sml
Uranium	0.0013	mg/L		0.0003		E200.8	03/22/07 14:30 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	1.1	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.8	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	275	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	47.9	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 13:16 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-006
Client Sample ID: Well 6

Report Date: 03/22/07
Collection Date: 02/27/07 11:04
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	322	mg/L		1		A2320 B	03/01/07 13:30 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	03/01/07 13:30 / jaj
Bicarbonate as HCO3	393	mg/L		1		A2320 B	03/01/07 13:30 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	03/01/07 13:30 / jaj
Bromide	0.51	mg/L		0.50		E300.0	03/02/07 19:56 / bt
Calcium	89.0	mg/L		0.5		E200.7	03/12/07 14:06 / ts
Chloride	63	mg/L		1		E200.7	03/12/07 14:06 / ts
Fluoride	1.2	mg/L		0.1		A4500-F C	03/01/07 09:59 / jaj
Magnesium	17.6	mg/L		0.5		E200.7	03/12/07 14:06 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	03/02/07 14:47 / ljl
Nitrogen, Nitrate+Nitrite as N	4.6	mg/L	D	0.2		E353.2	03/01/07 12:05 / jal
Potassium	1.49	mg/L	D	0.08		E200.7	03/12/07 14:06 / ts
Silica	71.4	mg/L		0.1		E200.7	03/12/07 14:06 / ts
Sodium	84.5	mg/L		0.5		E200.7	03/12/07 14:06 / ts
Sulfate	24	mg/L		1		E200.7	03/12/07 14:06 / ts
NON-METALS							
Organic Carbon, Total (TOC)	ND	mg/L		0.5		A5310 C	03/07/07 22:08 / jl
PHYSICAL PROPERTIES							
Conductivity	865	umhos/cm		1.0		A2510 B	02/28/07 17:31 / lm
Hardness as CaCO3	295	mg/L		6.5		A2340 B	03/13/07 15:15 / sec
Turbidity	ND	NTU		0.10		A2130 B	02/28/07 13:52 / aln
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	570	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.019	mg/L		0.001		E200.8	03/06/07 23:07 / sml
Cadmium	ND	mg/L		0.0005		E200.8	03/06/07 23:07 / sml
Iron	ND	mg/L		0.03		E200.7	03/12/07 14:06 / ts
Lead	ND	mg/L		0.001		E200.8	03/06/07 23:07 / sml
Manganese	ND	mg/L		0.001		E200.8	03/06/07 23:07 / sml
Mercury	ND	mg/L		0.0005		E200.8	03/06/07 23:07 / sml
Molybdenum	0.002	mg/L		0.001		E200.8	03/06/07 23:07 / sml
Selenium	0.003	mg/L		0.001		E200.8	03/06/07 23:07 / sml
Uranium	0.0014	mg/L		0.0003		E200.8	03/06/07 23:07 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-006
Client Sample ID: Well 6

Report Date: 03/22/07
Collection Date: 02/27/07 11:04
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.8	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	243	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	47.3	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 14:17 / crw
DATA QUALITY							
A/C Balance (± 5)	2.69	%				Calculation	03/13/07 13:35 / bws
Anions	9.10	meq/L				Calculation	03/13/07 13:35 / bws
Cations	9.61	meq/L				Calculation	03/13/07 13:35 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-007
Client Sample ID: Well 7

Report Date: 03/22/07
Collection Date: 02/27/07 11:33
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	432	mg/L		1		A2320 B	03/01/07 13:38 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	03/01/07 13:38 / jaj
Bicarbonate as HCO3	527	mg/L		1		A2320 B	03/01/07 13:38 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	03/01/07 13:38 / jaj
Bromide	0.61	mg/L		0.50		E300.0	03/02/07 20:11 / bt
Calcium	94.6	mg/L		0.5		E200.7	03/12/07 14:16 / ts
Chloride	85	mg/L		1		E200.7	03/12/07 14:16 / ts
Fluoride	1.5	mg/L		0.1		A4500-F C	03/01/07 10:00 / jaj
Magnesium	16.8	mg/L		0.5		E200.7	03/12/07 14:16 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	03/02/07 14:55 / lji
Nitrogen, Nitrate+Nitrite as N	4.1	mg/L	D	0.2		E353.2	03/01/07 12:08 / jal
Potassium	1.99	mg/L	D	0.08		E200.7	03/12/07 14:16 / ts
Silica	70.3	mg/L		0.1		E200.7	03/12/07 14:16 / ts
Sodium	123	mg/L		0.5		E200.7	03/12/07 14:16 / ts
Sulfate	35	mg/L		1		E200.7	03/12/07 14:16 / ts
NON-METALS							
Organic Carbon, Total (TOC)	ND	mg/L		0.5		A5310 C	03/07/07 22:19 / jl
PHYSICAL PROPERTIES							
Conductivity	1050	umhos/cm		1.0		A2510 B	02/28/07 17:33 / lm
Hardness as CaCO3	305	mg/L		6.5		A2340 B	03/13/07 15:15 / sec
Turbidity	ND	NTU		0.10		A2130 B	02/28/07 13:54 / aln
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	700	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.012	mg/L		0.001		E200.8	03/06/07 23:15 / sml
Cadmium	ND	mg/L		0.0005		E200.8	03/06/07 23:15 / sml
Iron	ND	mg/L		0.03		E200.7	03/12/07 14:16 / ts
Lead	ND	mg/L		0.001		E200.8	03/06/07 23:15 / sml
Manganese	ND	mg/L		0.001		E200.8	03/06/07 23:15 / sml
Mercury	ND	mg/L		0.0005		E200.8	03/06/07 23:15 / sml
Molybdenum	0.002	mg/L		0.001		E200.8	03/06/07 23:15 / sml
Selenium	0.004	mg/L		0.001		E200.8	03/06/07 23:15 / sml
Uranium	0.0021	mg/L		0.0003		E200.8	03/06/07 23:15 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-007
Client Sample ID: Well 7

Report Date: 03/22/07
Collection Date: 02/27/07 11:33
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.3	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.8	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	320	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	48.1	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 15:17 / crw
DATA QUALITY							
A/C Balance (± 5)	-2.65	%				Calculation	03/13/07 13:35 / bws
Anions	12.1	meq/L				Calculation	03/13/07 13:35 / bws
Cations	11.5	meq/L				Calculation	03/13/07 13:35 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-008
Client Sample ID: Well 8

Report Date: 03/22/07
Collection Date: 02/27/07 12:03
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	289	mg/L		1		E200.7	03/12/07 14:19 / ts
Nitrogen, Nitrate+Nitrite as N	1.5	mg/L		0.1		E353.2	03/01/07 12:10 / jal
Sulfate	34	mg/L		1		E200.7	03/12/07 14:19 / ts
PHYSICAL PROPERTIES							
Conductivity	1430	umhos/cm		1.0		A2510 B	02/28/07 17:36 / lm
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	790	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	03/08/07 08:14 / sml
Selenium	0.004	mg/L		0.001		E200.8	03/08/07 08:14 / sml
Uranium	0.0025	mg/L		0.0003		E200.8	03/08/07 08:14 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	2.8	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	241	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	46.8	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	0.8	pCi/L		0.2		E903.0	03/12/07 16:18 / crw
Radium 226 precision (±)	0.3	pCi/L				E903.0	03/12/07 16:18 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-009
Client Sample ID: Well 9

Report Date: 03/22/07
Collection Date: 02/27/07 12:30
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	162	mg/L		1		E200.7	03/12/07 14:23 / ts
Nitrogen, Nitrate+Nitrite as N	1.6	mg/L		0.1		E353.2	03/01/07 12:20 / jal
Sulfate	45	mg/L		1		E200.7	03/12/07 14:23 / ts
PHYSICAL PROPERTIES							
Conductivity	1070	umhos/cm		1.0		A2510 B	02/28/07 17:38 / lm
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	590	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.004	mg/L		0.001		E200.8	03/08/07 08:21 / sml
Selenium	0.004	mg/L		0.001		E200.8	03/08/07 08:21 / sml
Uranium	0.0029	mg/L		0.0003		E200.8	03/08/07 08:21 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	2.0	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.8	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	240	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	46.8	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 17:18 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-010
Client Sample ID: Well 10

Report Date: 03/22/07
Collection Date: 02/27/07 14:07
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	99	mg/L		1		E200.7	03/12/07 14:35 / ts
Nitrogen, Nitrate+Nitrite as N	0.8	mg/L		0.1		E353.2	03/01/07 12:23 / jal
Sulfate	28	mg/L		1		E200.7	03/12/07 14:35 / ts
PHYSICAL PROPERTIES							
Conductivity	876	umhos/cm		1.0		A2510 B	02/28/07 17:40 / lm
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	480	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.006	mg/L		0.001		E200.8	03/08/07 08:29 / sml
Selenium	0.001	mg/L		0.001		E200.8	03/08/07 08:29 / sml
Uranium	0.0016	mg/L		0.0003		E200.8	03/08/07 08:29 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	2.6	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	206	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	45.8	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 18:19 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020994-012
Client Sample ID: Well 12

Report Date: 03/22/07
Collection Date: 02/27/07 15:44
DateReceived: 02/28/07
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	322	mg/L		1		E200.7	03/12/07 14:49 / ts
Nitrogen, Nitrate+Nitrite as N	2.8	mg/L	D	0.2		E353.2	03/01/07 12:28 / jal
Sulfate	85	mg/L		1		E200.7	03/12/07 14:49 / ts
PHYSICAL PROPERTIES							
Conductivity	1740	umhos/cm		1.0		A2510 B	02/28/07 17:45 / lm
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	960	mg/L				Calculation	03/13/07 00:00 / bws
METALS - TOTAL							
Arsenic	0.006	mg/L		0.001		E200.8	03/08/07 20:37 / sml
Selenium	0.006	mg/L		0.001		E200.8	03/08/07 20:37 / sml
Uranium	0.0046	mg/L		0.0003		E200.8	03/22/07 14:26 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	4.9	pCi/L		1.0		E900.0	03/16/07 20:04 / res
Gross Alpha precision (±)	1.5	pCi/L				E900.0	03/16/07 20:04 / res
Radon 222	295	pCi/L		100		D5072-92	03/01/07 04:56 / dpb
Radon 222 precision (±)	46.4	pCi/L				D5072-92	03/01/07 04:56 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 20:20 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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ANALYTICAL SUMMARY REPORT

March 26, 2007

San Antonio River Authority
100 East Guenther St
San Antonio, TX 78283

Workorder No.: C07030338

Project Name: Goliad County Groundwater Conservation District

Energy Laboratories, Inc. received the following 1 sample from San Antonio River Authority on 3/8/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07030338-001	Well ~~15~~ 13	03/07/07 11:06	03/08/07	Aqueous	Metals by ICP/ICPMS, Total Conductivity Nitrogen, Nitrate + Nitrite Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R.A. Leaching
ROGER GARLING
LABORATORY SUPERVISOR

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030338-001
Client Sample ID: Well ~~15~~ 13

Report Date: 03/26/07
Collection Date: 03/07/07 11:06
DateReceived: 03/08/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	211	mg/L		1		E200.7	03/19/07 14:57 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/09/07 11:00 / ljl
Sulfate	54	mg/L		1		E200.7	03/19/07 14:57 / ts
PHYSICAL PROPERTIES							
Conductivity	1220	umhos/cm		1.0		A2510 B	03/09/07 11:10 / jaj
Solids, Total Dissolved TDS @ 180 C	704	mg/L		10		A2540 C	03/09/07 11:28 / jaj
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	03/09/07 14:59 / sml
Selenium	0.002	mg/L		0.001		E200.8	03/09/07 14:59 / sml
Uranium	0.0034	mg/L		0.0003		E200.8	03/09/07 14:59 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	33.1	pCi/L		1.0		E900.0	03/22/07 03:50 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	03/22/07 03:50 / res
Radon 222	192	pCi/L		100		D5072-92	03/10/07 20:39 / dpb
Radon 222 precision (±)	61.8	pCi/L				D5072-92	03/10/07 20:39 / dpb
Radium 226	14.0	pCi/L		0.2		E903.0	03/18/07 21:38 / crw
Radium 226 precision (±)	1.2	pCi/L				E903.0	03/18/07 21:38 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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ANALYTICAL SUMMARY REPORT

March 22, 2007

San Antonio River Authority
100 East Guenther St
San Antonio, TX 78283

Workorder No.: C07020994

Project Name: Goliad County Groundwater Conservation District

Energy Laboratories, Inc. received the following 12 samples from San Antonio River Authority on 2/28/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07020994-001	Well 1	02/27/07 08:21	02/28/07	Groundwater	Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Carbon, Total Organic Fluoride Hardness E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved - Calculated Turbidity
C07020994-002	Well 2	02/27/07 09:00	02/28/07	Groundwater	Metals by ICP/ICPMS, Total Conductivity Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved - Calculated
C07020994-003	Well 3	02/27/07 09:29	02/28/07	Groundwater	Same As Above
C07020994-004	Well 4	02/27/07 10:05	02/28/07	Groundwater	Same As Above
C07020994-005	Well 5	02/27/07 10:35	02/28/07	Groundwater	Same As Above

C07020994-006	Well 6	02/27/07 11:04 02/28/07	Groundwater	Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Carbon, Total Organic Fluoride Hardness E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved - Calculated Turbidity
C07020994-007	Well 7	02/27/07 11:33 02/28/07	Groundwater	Same As Above
C07020994-008	Well 8	02/27/07 12:03 02/28/07	Groundwater	Metals by ICP/ICPMS, Total Conductivity Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved - Calculated
C07020994-009	Well 9	02/27/07 12:30 02/28/07	Groundwater	Same As Above
C07020994-010	Well 10	02/27/07 14:07 02/28/07	Groundwater	Same As Above
C07020994-011	Well 11	02/27/07 14:57 02/28/07	Groundwater	Same As Above
C07020994-012	Well 12	02/27/07 15:44 02/28/07	Groundwater	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R. A. Garling
ROGER GARLING
LABORATORY SUPERVISOR

Chain of Custody and Analytical Request Record

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: San Antonio River Authority (SARA)

Project Name, PWS #, Permit #, Etc.: Goliad County Groundwater Conservation District (GCGCD) Monitoring Project

Report Mail Address: 600 E. Euclid San Antonio, TX 78212

Contact Name, Phone, Fax, E-mail: Ronnie Hernandez 210-302-3409

Sampler Name if other than Contact:

Invoice Address: same as above

Invoice Contact & Phone #: same as Above

Purchase Order #:

ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Comments: See Tim

Shipped by: FEDEX

Cooler ID(s)

Receipt Temp 4.8 °C Ice

Custody Seal Y N

Intact Y N

Signature Match Y N

Lab ID

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	TEST1	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	LABORATORY USE ONLY
1	Well ~~#13~~	3-1-07				✓			C-1686
2	14		1033						C-1556
3	15		1054						C-662
4	16		1117						
5	17		1247						
6	18		1220						
7	19		1310						
8	20		1331						C07030084
9	21		1348						
10	Well # 22	3-1-07	1432			✓			

Custody Record MUST be Signed

Relinquished by (print): Ronnie Hernandez Date/Time: 3-1-07 1826 Signature:

Received by (print): Tim Kotten Date/Time: 3/2/07 1140 Signature:

Relinquished by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

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Track#C07030084 Page 16

Chain of Custody and Analytical Request Record

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: same

Project Name, PWS #, Permit #, Etc.: same

Report Mail Address: same

Contact Name, Phone, Fax, E-mail: same

Sampler Name if other than Contact:

Invoice Address: same

Invoice Contact & Phone #: same

Purchase Order #:

ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

ANALYSIS REQUESTED

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Comments: See Tim

Shipped by: FEDEX

Cooler ID(s)

Receipt Temp 4.8 °C Tee

Custody Seal Y N

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Solids/Solids Vegetation Bioassay Other)	TEST 1	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Lab ID (LABORATORY USE ONLY)
1	Well # 23	3-1-07	1452			✓			C-1686
2	24		1514						C-1556
3	25		1534						C-1662
4	26	3/1/07	1555						
5	~~27~~								
6	Well # 28	3-1-07	0935						
7									
8									
9									
10									

LABORATORY USE ONLY: C0703008-4

Custody Record MUST be Signed

Relinquished by (print): Ronnie Hernandez Date/Time: 3-1-07 1820 Signature:

Received by (print): Tim Hollen Date/Time: 3/2 07 1140 Signature:

Relinquished by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

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ANALYTICAL SUMMARY REPORT

March 16, 2007

San Antonio River Authority
100 East Guenther St
San Antonio, TX 78283

Workorder No.: C07030084

Project Name: Goliad County Groundwater Conservation District

Energy Laboratories, Inc. received the following 14 samples from San Antonio River Authority on 3/2/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07030084-001	Well 14	03/01/07 10:33	03/02/07	Aqueous	Metals by ICP/ICPMS, Total Chloride Conductivity Nitrogen, Nitrate + Nitrite Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved Sulfate
C07030084-002	Well 15	03/01/07 10:54	03/02/07	Aqueous	Same As Above
C07030084-003	Well 16	03/01/07 11:17	03/02/07	Aqueous	Same As Above
C07030084-004	Well 17	03/01/07 12:47	03/02/07	Aqueous	Same As Above
C07030084-005	Well 18	03/01/07 12:20	03/02/07	Aqueous	Same As Above
C07030084-006	Well 19	03/01/07 13:10	03/02/07	Aqueous	Same As Above
C07030084-007	Well 20	03/01/07 13:31	03/02/07	Aqueous	Same As Above
C07030084-008	Well 21	03/01/07 13:48	03/02/07	Aqueous	Same As Above
C07030084-009	Well 22	03/01/07 14:32	03/02/07	Aqueous	Same As Above
C07030084-010	Well 23	03/01/07 14:52	03/02/07	Aqueous	Same As Above
C07030084-011	Well 24	03/01/07 15:14	03/02/07	Aqueous	Same As Above
C07030084-012	Well 25	03/01/07 15:34	03/02/07	Aqueous	Same As Above
C07030084-013	Well 26	03/01/07 15:55	03/02/07	Aqueous	Same As Above
C07030084-014	Well 28	03/01/07 9:35	03/02/07	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R.A. Garling
Roger Garling
Laboratory Supervisor

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-001
Client Sample ID: Well 14

Report Date: 03/16/07
Collection Date: 03/01/07 10:33
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	149	mg/L		1		A4500-Cl B	03/06/07 11:32 / jl
Nitrogen, Nitrate+Nitrite as N	2.7	mg/L		0.1		E353.2	03/05/07 16:46 / jal
Sulfate	76	mg/L	D	1		A4500-SO4 E	03/05/07 12:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	1140	umhos/cm		1.0		A2510 B	03/05/07 13:54 / lm
Solids, Total Dissolved TDS @ 180 C	716	mg/L		10		A2540 C	03/05/07 13:29 / lm
METALS - TOTAL							
Arsenic	0.010	mg/L		0.001		E200.8	03/06/07 22:50 / bas
Selenium	0.004	mg/L		0.001		E200.8	03/06/07 22:50 / bas
Uranium	0.0025	mg/L		0.0003		E200.8	03/06/07 22:50 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	2.6	pCi/L		1.0		E900.0	03/13/07 04:51 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/13/07 04:51 / res
Radon 222	1290	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	59.7	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-002
Client Sample ID: Well 15

Report Date: 03/16/07
Collection Date: 03/01/07 10:54
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	120	mg/L		1		A4500-Cl B	03/06/07 11:33 / jl
Nitrogen, Nitrate+Nitrite as N	0.7	mg/L		0.1		E353.2	03/05/07 16:48 / jal
Sulfate	31	mg/L		1		A4500-SO4 E	03/05/07 12:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	950	umhos/cm		1.0		A2510 B	03/05/07 13:57 / lm
Solids, Total Dissolved TDS @ 180 C	576	mg/L		10		A2540 C	03/05/07 13:30 / lm
METALS - TOTAL							
Arsenic	0.009	mg/L		0.001		E200.8	03/06/07 22:55 / bas
Selenium	0.003	mg/L		0.001		E200.8	03/06/07 22:55 / bas
Uranium	0.0013	mg/L		0.0003		E200.8	03/06/07 22:55 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	3.0	pCi/L		1.0		E900.0	03/13/07 04:51 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/13/07 04:51 / res
Radon 222	353	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	48.7	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-003
Client Sample ID: Well 16

Report Date: 03/16/07
Collection Date: 03/01/07 11:17
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	111	mg/L		1		A4500-Cl B	03/06/07 11:34 / jl
Nitrogen, Nitrate+Nitrite as N	1.5	mg/L		0.1		E353.2	03/05/07 16:58 / jal
Sulfate	35	mg/L		1		A4500-SO4 E	03/05/07 12:58 / ijl
PHYSICAL PROPERTIES							
Conductivity	926	umhos/cm		1.0		A2510 B	03/05/07 13:59 / lm
Solids, Total Dissolved TDS @ 180 C	556	mg/L		10		A2540 C	03/05/07 13:30 / lm
METALS - TOTAL							
Arsenic	0.005	mg/L		0.001		E200.8	03/06/07 23:16 / bas
Selenium	0.003	mg/L		0.001		E200.8	03/06/07 23:16 / bas
Uranium	0.0017	mg/L		0.0003		E200.8	03/06/07 23:16 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	2.6	pCi/L		1.0		E900.0	03/13/07 04:51 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/13/07 04:51 / res
Radon 222	1550	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	62.2	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-004
Client Sample ID: Well 17

Report Date: 03/16/07
Collection Date: 03/01/07 12:47
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	174	mg/L		1		A4500-Cl B	03/06/07 12:04 / jl
Nitrogen, Nitrate+Nitrite as N	6.1	mg/L		0.1		E353.2	03/05/07 17:01 / jal
Sulfate	85	mg/L	D	1		A4500-SO4 E	03/05/07 13:15 / ljl
PHYSICAL PROPERTIES							
Conductivity	1360	umhos/cm		1.0		A2510 B	03/05/07 14:01 / lm
Solids, Total Dissolved TDS @ 180 C	838	mg/L		10		A2540 C	03/05/07 13:31 / lm
METALS - TOTAL							
Arsenic	0.006	mg/L		0.001		E200.8	03/06/07 23:22 / bas
Selenium	0.006	mg/L		0.001		E200.8	03/06/07 23:22 / bas
Uranium	0.0018	mg/L		0.0003		E200.8	03/06/07 23:22 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	1.5	pCi/L		1.0		E900.0	03/13/07 04:51 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	03/13/07 04:51 / res
Radon 222	379	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	48.5	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-005
Client Sample ID: Well 18

Report Date: 03/16/07
Collection Date: 03/01/07 12:20
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	155	mg/L		1		A4500-Cl B	03/06/07 12:05 / jl
Nitrogen, Nitrate+Nitrite as N	0.7	mg/L		0.1		E353.2	03/05/07 17:03 / jal
Sulfate	34	mg/L		1		A4500-SO4 E	03/05/07 13:21 / ljl
PHYSICAL PROPERTIES							
Conductivity	1120	umhos/cm		1.0		A2510 B	03/05/07 14:03 / lm
Solids, Total Dissolved TDS @ 180 C	678	mg/L		10		A2540 C	03/05/07 13:31 / lm
METALS - TOTAL							
Arsenic	0.009	mg/L		0.001		E200.8	03/06/07 23:27 / bas
Selenium	0.003	mg/L		0.001		E200.8	03/06/07 23:27 / bas
Uranium	0.0016	mg/L		0.0003		E200.8	03/06/07 23:27 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	2.5	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	349	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	48.2	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-006
Client Sample ID: Well 19

Report Date: 03/16/07
Collection Date: 03/01/07 13:10
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	160	mg/L		1		A4500-Cl B	03/06/07 12:06 / jl
Nitrogen, Nitrate+Nitrite as N	0.6	mg/L		0.1		E353.2	03/05/07 17:06 / jal
Sulfate	35	mg/L		1		A4500-SO4 E	03/05/07 13:27 / ljl
PHYSICAL PROPERTIES							
Conductivity	1130	umhos/cm		1.0		A2510 B	03/05/07 14:05 / lm
Solids, Total Dissolved TDS @ 180 C	680	mg/L		10		A2540 C	03/05/07 13:34 / lm
METALS - TOTAL							
Arsenic	0.010	mg/L		0.001		E200.8	03/06/07 23:53 / bas
Selenium	0.003	mg/L		0.001		E200.8	03/06/07 23:53 / bas
Uranium	0.0016	mg/L		0.0003		E200.8	03/06/07 23:53 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	5.7	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	394	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	48.5	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-007
Client Sample ID: Well 20

Report Date: 03/16/07
Collection Date: 03/01/07 13:31
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	139	mg/L		1		A4500-Cl B	03/06/07 12:14 / jl
Nitrogen, Nitrate+Nitrite as N	0.8	mg/L		0.1		E353.2	03/05/07 17:08 / jal
Sulfate	35	mg/L		1		A4500-SO4 E	03/05/07 13:32 / ljl
PHYSICAL PROPERTIES							
Conductivity	1060	umhos/cm		1.0		A2510 B	03/05/07 14:07 / lm
Solids, Total Dissolved TDS @ 180 C	632	mg/L		10		A2540 C	03/05/07 13:35 / lm
METALS - TOTAL							
Arsenic	0.009	mg/L		0.001		E200.8	03/06/07 23:59 / bas
Selenium	0.003	mg/L		0.001		E200.8	03/06/07 23:59 / bas
Uranium	0.0016	mg/L		0.0003		E200.8	03/06/07 23:59 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	3.4	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	362	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	48.0	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-008
Client Sample ID: Well 21

Report Date: 03/16/07
Collection Date: 03/01/07 13:48
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	118	mg/L		1		A4500-Cl B	03/06/07 12:11 / jl
Nitrogen, Nitrate+Nitrite as N	1.0	mg/L		0.1		E353.2	03/07/07 12:39 / jal
Sulfate	34	mg/L		1		A4500-SO4 E	03/05/07 13:36 / ljl
PHYSICAL PROPERTIES							
Conductivity	1000	umhos/cm		1.0		A2510 B	03/05/07 14:09 / lm
Solids, Total Dissolved TDS @ 180 C	594	mg/L		10		A2540 C	03/05/07 13:35 / lm
METALS - TOTAL							
Arsenic	0.010	mg/L		0.001		E200.8	03/07/07 00:04 / bas
Selenium	0.002	mg/L		0.001		E200.8	03/07/07 00:04 / bas
Uranium	0.0016	mg/L		0.0003		E200.8	03/07/07 00:04 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	5.0	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	361	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	47.9	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-009
Client Sample ID: Well 22

Report Date: 03/16/07
Collection Date: 03/01/07 14:32
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	250	mg/L		1		A4500-Cl B	03/06/07 12:15 / jl
Nitrogen, Nitrate+Nitrite as N	0.6	mg/L		0.1		E353.2	03/07/07 12:42 / jal
Sulfate	53	mg/L		1		A4500-SO4 E	03/05/07 13:44 / ljl
PHYSICAL PROPERTIES							
Conductivity	1400	umhos/cm		1.0		A2510 B	03/05/07 14:11 / lm
Solids, Total Dissolved TDS @ 180 C	854	mg/L		10		A2540 C	03/05/07 13:35 / lm
METALS - TOTAL							
Arsenic	0.014	mg/L		0.001		E200.8	03/07/07 00:09 / bas
Selenium	0.004	mg/L		0.001		E200.8	03/07/07 00:09 / bas
Uranium	0.0024	mg/L		0.0003		E200.8	03/07/07 00:09 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	7.2	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	374	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	47.9	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 12:01 / crw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-010
Client Sample ID: Well 23

Report Date: 03/16/07
Collection Date: 03/01/07 14:52
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	476	mg/L		1		A4500-Cl B	03/06/07 12:16 / jl
Nitrogen, Nitrate+Nitrite as N	0.8	mg/L		0.1		E353.2	03/07/07 12:44 / jal
Sulfate	87	mg/L	D	1		A4500-SO4 E	03/05/07 13:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	2200	umhos/cm		1.0		A2510 B	03/05/07 14:12 / lm
Solids, Total Dissolved TDS @ 180 C	1260	mg/L		10		A2540 C	03/05/07 13:35 / lm
METALS - TOTAL							
Arsenic	0.011	mg/L		0.001		E200.8	03/07/07 00:14 / bas
Selenium	0.007	mg/L		0.001		E200.8	03/07/07 00:14 / bas
Uranium	0.0028	mg/L		0.0003		E200.8	03/07/07 00:14 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	4.2	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	1110	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	56.4	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 13:03 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-011
Client Sample ID: Well 24

Report Date: 03/16/07
Collection Date: 03/01/07 15:14
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	168	mg/L		1		A4500-Cl B	03/06/07 12:19 / jl
Nitrogen, Nitrate+Nitrite as N	0.8	mg/L		0.1		E353.2	03/07/07 12:47 / jal
Sulfate	38	mg/L		1		A4500-SO4 E	03/05/07 13:59 / ljl
PHYSICAL PROPERTIES							
Conductivity	1110	umhos/cm		1.0		A2510 B	03/05/07 14:14 / lm
Solids, Total Dissolved TDS @ 180 C	650	mg/L		10		A2540 C	03/05/07 13:36 / lm
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	03/07/07 00:20 / bas
Selenium	0.003	mg/L		0.001		E200.8	03/07/07 00:20 / bas
Uranium	0.0036	mg/L		0.0003		E200.8	03/07/07 00:20 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	7.0	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	1170	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	56.9	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 13:03 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-012
Client Sample ID: Well 25

Report Date: 03/16/07
Collection Date: 03/01/07 15:34
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	118	mg/L		1		A4500-Cl B	03/06/07 12:20 / jl
Nitrogen, Nitrate+Nitrite as N	0.5	mg/L		0.1		E353.2	03/07/07 12:49 / jal
Sulfate	36	mg/L		1		A4500-SO4 E	03/05/07 14:04 / ljl
PHYSICAL PROPERTIES							
Conductivity	961	umhos/cm		1.0		A2510 B	03/05/07 14:16 / lm
Solids, Total Dissolved TDS @ 180 C	562	mg/L		10		A2540 C	03/05/07 13:36 / lm
METALS - TOTAL							
Arsenic	0.008	mg/L		0.001		E200.8	03/07/07 00:25 / bas
Selenium	0.004	mg/L		0.001		E200.8	03/07/07 00:25 / bas
Uranium	0.0057	mg/L		0.0003		E200.8	03/07/07 00:25 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	7.8	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	356	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	47.3	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 13:03 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-013
Client Sample ID: Well 26

Report Date: 03/16/07
Collection Date: 03/01/07 15:55
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	132	mg/L		1		A4500-Cl B	03/06/07 12:21 / jl
Nitrogen, Nitrate+Nitrite as N	0.5	mg/L		0.1		E353.2	03/07/07 12:59 / jal
Sulfate	33	mg/L		1		A4500-SO4 E	03/05/07 14:30 / ljl
PHYSICAL PROPERTIES							
Conductivity	1080	umhos/cm		1.0		A2510 B	03/05/07 14:18 / lm
Solids, Total Dissolved TDS @ 180 C	656	mg/L		10		A2540 C	03/05/07 13:36 / lm
METALS - TOTAL							
Arsenic	0.009	mg/L		0.001		E200.8	03/08/07 02:35 / sml
Selenium	0.002	mg/L		0.001		E200.8	03/08/07 02:35 / sml
Uranium	0.0017	mg/L		0.0003		E200.8	03/08/07 02:35 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	5.2	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	371	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	47.4	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 13:03 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07030084-014
Client Sample ID: Well 28

Report Date: 03/16/07
Collection Date: 03/01/07 09:35
DateReceived: 03/02/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	393	mg/L		1		A4500-Cl B	03/06/07 12:22 / jl
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/07/07 13:02 / jal
Sulfate	53	mg/L		1		A4500-SO4 E	03/05/07 15:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	1820	umhos/cm		1.0		A2510 B	03/05/07 14:19 / lm
Solids, Total Dissolved TDS @ 180 C	1060	mg/L		10		A2540 C	03/05/07 13:36 / lm
METALS - TOTAL							
Arsenic	0.003	mg/L		0.001		E200.8	03/07/07 01:07 / bas
Selenium	0.002	mg/L		0.001		E200.8	03/07/07 01:07 / bas
Uranium	ND	mg/L		0.0003		E200.8	03/07/07 01:07 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	1.3	pCi/L		1.0		E900.0	03/14/07 03:45 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	03/14/07 03:45 / res
Radon 222	1680	pCi/L		100		D5072-92	03/03/07 04:59 / dpb
Radon 222 precision (±)	64.3	pCi/L				D5072-92	03/03/07 04:59 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	03/12/07 13:03 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

2713 Houston Hwy.
B ENVIRONMENTA
Victoria, TX 77901
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105635**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	0821	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	102	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	54.7	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	869	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	0.7	mg/L	05/09/2007	09:00	0.1	DT	HACH 8171
N-Nitrite	0.006	mg/L	05/09/2007	13:00	0.005	DT	HACH 8507
pH, field	6.70	S.U.	05/07/2007	08:26	N/A	KB	SM 4500-H+ B
Solids, total dissolved	526	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.3	C	05/07/2007	08:26	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.11	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	118	118	75 - 125
N-Nitrite	<0.005	98.0	1.1	20	88.8	88.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-001
Client Sample ID: 105635

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 08:21
DateReceived: 05/10/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0054	mg/L		0.0003		E200.8	06/21/07 20:26 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	4.7	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/28/07 00:43 / crw
Radon 222	293	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	120	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:00 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin	Address:
Goliad TX 77963	
Contact: Art Dunmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses: Cl, Nitrate, Nitrite, Sulfate, Cond, pH, temp, TDS, As, Se, Uranium, Radionuclides: Gross Alpha, Radon 222, Radium 226

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl	Nitrate, Nitrite	Sulfate, Cond	pH, temp	TDS	As, Se	Uranium	Radionuclides: Gross Alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	0821	2L	P	1		X	X	X	X							105635
2	Well	L	5/7/07	0821	2L, 40ml	P, G	4						X	X	X				105635
	Paid + Gave report 7/27/07																		
	Need iron + uranium																		

Sampler Name: Kevin Boros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1515	[signature]	5/7/07	15:15
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 1.1 °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

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5/7/07 @ 0826 pH = 1.70 temp: 21.3°C

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/7/07

BE Sample #: 105635 Checklist Completed By: K Tandmatte
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Samples were poured off for metals w/pres.

Action taken to correct problem: _____

B ENVIRONMENTA_
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105636**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	0841	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	202	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	27.3	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,098	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	2.9	mg/L	05/09/2007	09:00	0.1	DT	HACH 8171
N-Nitrite	0.006	mg/L	05/09/2007	13:00	0.005	DT	HACH 8507
pH, field	6.63	S.U.	05/07/2007	08:44	N/A	KB	SM 4500-H+ B
Solids, total dissolved	874	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.2	C	05/07/2007	08:44	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.02	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	118	118	75 - 125
N-Nitrite	<0.005	98.0	1.1	20	88.8	88.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-002
Client Sample ID: 105636

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 08:41
DateReceived: 05/10/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0015	mg/L		0.0003		E200.8	06/21/07 20:30 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Radon 222	301	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	123	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond, pH	Temp, TDS, As, Se	Uranium	Radionuclides:	Gross Alpha, Radium 226	222, Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	0841	2L	P	1		X	X	X	X					105636
2	Well	L	5/7/07	0841	2L, 40ml	P, G	4						X	X	X		105636

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1171	[signature]	5/7/07	15:15
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 1.1 °C

Received Chilled: ☐ Yes ☐ No

Remarks:

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist Date Received: 5/7/07

BE Sample #: 105636 Checklist Completed By: K Vandenatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Samples were poured off for Metals tot pres.

Action taken to correct problem: _____

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105637**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	0900	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	106	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	24.0	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	860	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	1.0	mg/L	05/09/2007	09:00	0.1	DT	HACH 8171
N-Nitrite	0.006	mg/L	05/09/2007	13:00	0.005	DT	HACH 8507
pH, field	6.69	S.U.	05/07/2007	09:00	N/A	KB	SM 4500-H+ B
Solids, total dissolved	544	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.9	C	05/07/2007	09:00	N/A	KB	EPA 170.1
Arsenic, GFAA	0.002	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	118	118	75 - 125
N-Nitrite	<0.005	98.0	1.1	20	88.8	88.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • .235.0515 • Fax 307.234.1639 • casper@energ, om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-003
Client Sample ID: 105637

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 09:00
DateReceived: 05/10/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0025	mg/L		0.0003		E200.8	06/21/07 20:35 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	1.0	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/28/07 00:43 / crw
Radon 222	600	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	127	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad G. Groundwater Dist	Company:
Address: 329 W. Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	sulfate, cond, pH	temp, TDS, As, Se	Uranium	Radionuclides	Gross Alpha, Beta	226, Radium 228	Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	0900	2L	P	1		X	X	X	X				105637
2	Well	L	5/7/07	0900	2L, 40ml	P, G	4						X	X	X	105637

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1510	[signature]	5/7/07	15:15
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Remarks:

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist Date Received: 5/7/07

BE Sample #: 105637-[illegible] Checklist Completed By: K Landmatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Sample was poured off for Metals w/ pres.

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105638**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	0941	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	118	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	31.7	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	885	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	1.1	mg/L	05/09/2007	09:00	0.1	DT	HACH 8171
N-Nitrite	<0.005	mg/L	05/09/2007	13:00	0.005	DT	HACH 8507
pH, field	7.03	S.U.	05/07/2007	09:44	N/A	KB	SM 4500-H+ B
Solids, total dissolved	574	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.1	C	05/07/2007	09:44	N/A	KB	EPA 170.1
Arsenic, GFAA	0.006	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	118	118	75 - 125
N-Nitrite	<0.005	98.0	1.1	20	88.8	88.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-004
Client Sample ID: 105638

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 09:41
DateReceived: 05/10/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0014	mg/L		0.0003		E200.8	06/21/07 20:39 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Radon 222	299	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	122	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. Groundwater Dist.	Company:	
Address:	329 W. Franklin Goliad TX 77963	Address:	
Contact:	Art Dinmann	Contact:	
Phone:		Phone:	
Fax:		Fax:	
Project.		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses: Cl, N, Nitrate, Nitrite, Sulfate, Cond, pH, Temp, TDS, As, Se, Hardness, Gross Alpha, Radon 222, Radium 226

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, N, Nitrate, Nitrite	Sulfate, Cond, pH	Temp, TDS, As, Se	Hardness	Gross Alpha	Radon 222	Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	0941	2L	P	1		X	X	X	X					105638
2	Well	L	5/7/07	0941	2L, 40ml	P, G	4						X	X	X		105638

Sampler Name: Kevin Burros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1510	[signature]	5/7/07	15:15
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/7/07

BE Sample #: 105638 Checklist Completed By: K Tandenatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Sample was poured off for metals w/pres.

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105639**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1014	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	54.4	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	17.3	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	704	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	14.5	mg/L	05/09/2007	09:00	0.1	DT	HACH 8171
N-Nitrite	<0.005	mg/L	05/09/2007	13:00	0.005	DT	HACH 8507
pH, field	6.92	S.U.	05/07/2007	10:17	N/A	KB	SM 4500-H+ B
Solids, total dissolved	434	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.5	C	05/07/2007	10:17	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.07	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	118	118	75 - 125
N-Nitrite	<0.005	98.0	1.1	20	88.8	88.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-005
Client Sample ID: 105639

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 10:14
DateReceived: 05/10/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0008	mg/L		0.0003		E200.8	06/21/07 20:43 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	3.8	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/28/07 00:43 / crw
Radon 222	340	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	122	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	0.6	pCi/L		0.2		E903.0	05/22/07 16:01 / crw
Radium 226 precision (±)	0.3	pCi/L				E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp., TDS, PS, SC	Uranium	Radionuclides:	Gross Alpha, Radon	222, Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1014	2L	P	1		X	X	X	X					105639
2	Well	L	5/7/07	1014	2L, 40ml	P,G	4						X	X	X		105639

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1176	[signature]	5/7/07	15:15

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

5/7/07 @ 1017 pH - 1.97 [illegible] = 24.50

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/7/17

BE Sample #: 1056391 Checklist Completed By: K Vandenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Samples were poured off for Metals w/pres.

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105640**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1054	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	347	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	132	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,621	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	4.7	mg/L	05/09/2007	09:00	0.1	DT	HACH 8171
N-Nitrite	0.005	mg/L	05/09/2007	13:00	0.005	DT	HACH 8507
pH, field	6.68	S.U.	05/07/2007	10:56	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,226	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.5	C	05/07/2007	10:56	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	118	118	75 - 125
N-Nitrite	<0.005	98.0	1.1	20	88.8	88.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-006
Client Sample ID: 105640

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 10:54
DateReceived: 05/10/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0019	mg/L		0.0003		E200.8	06/21/07 21:05 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Radon 222	296	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	121	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater D. St.	Company:
Address: 329 W. Franklin, Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond, pH	temp., TDS, As, Se	Uranium	Radionuclides	Gross alpha, Radon 222, Radium 226			Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1054	2L	P	1		X	X	X	X					105640
2	Well	L	5/7/07	1054	2L, 4oz	P, G	4						X	X	X		105640

Need iron + uranium
Paid 7/27/07 + gave report to Gilbert Krueger

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1571	J Davidson	5/7/07	15:15

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Remarks:

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

x1

5/7/07 @ 1054 ...

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/7/07

BE Sample #: 105640 Checklist Completed By: K Vandinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Samples were pulled off for Metals wipes.

Action taken to correct problem: _____

B ENVIRONMENTA
713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105641**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1115	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	98.0	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	26.0	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	906	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	0.9	mg/L	05/09/2007	09:00	0.1	DT	HACH 8171
N-Nitrite	<0.005	mg/L	05/09/2007	13:00	0.005	DT	HACH 8507
pH, field	7.03	S.U.	05/07/2007	11:18	N/A	KB	SM 4500-H+ B
Solids, total dissolved	530	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.4	C	05/07/2007	11:18	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	118	118	75 - 125
N-Nitrite	<0.005	98.0	1.1	20	88.8	88.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-007
Client Sample ID: 105641

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 11:15
DateReceived: 05/10/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0019	mg/L		0.0003		E200.8	06/21/07 21:09 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Radon 222	380	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	122	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Tony/Addie Kouba	Company:
Address: 2636 FM 622 Goliad TX 77963	Address:
Contact: Tony/Addie Kouba	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

NUMBER OF CONTAINERS

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp., TDS, As, Se	Uranium	Radionuclides:	Gross Apha, Radon	222, Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1115	2L	P	1	X	X	X	X					105641
2	Well	L	5/7/07	1115	2L, 40ml	P, G	4					X	X	X		105641

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1176	[signature]	5/7/07	15:15

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Remarks:

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name:

Date Received: 5/7/07

BE Sample #: 105641

Checklist Completed By: K Zandmatie
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Sample was poured off for Metals w/ pres.

Action taken to correct problem: _____

B ENVIRONMENTA
:713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105642**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1132	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	438	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	52.8	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,581	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	1.2	mg/L	05/09/2007	10:00	0.1	DT	HACH 8171
N-Nitrite	<0.005	mg/L	05/09/2007	13:45	0.005	DT	HACH 8507
pH, field	6.77	S.U.	05/07/2007	11:35	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,422	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.9	C	05/07/2007	11:35	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.01	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	0.005	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	109	109	75 - 125
N-Nitrite	<0.005	94.1	1.1	20	90.0	91.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 12:32
DateReceived: 05/10/07
Matrix: Aqueous

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-008
Client Sample ID: 105642

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0012	mg/L		0.0003		E200.8	06/21/07 21:13 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	2.5	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Gross Alpha precision (±)	0.8	pCi/L				E900.0	05/28/07 00:43 / crw
Radon 222	292	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	120	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin, Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

NUMBER OF CONTAINERS

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	Number of Containers	Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp., TDS, pH, SC	Uranium	Radionuclides	Gross Alpha, Radon 222, Radium 226			Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	~~1232~~ 1132 KZ 5/12	2L	P	1	X	X	X	X					105642
2	Well	L	5/7/07	~~1232~~ 1132 KZ 5/12	2L, 40ml	P, G	4					X	X	X		105642

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1121	[signature]	5/7/07	15:15

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

5/7/07 @ ~~1135~~ 1135 KZ 5/12/07 pH = 6.77 temp = 25.9°C

HG

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW D.St. Date Received: 5/17/07

BE Sample #: 105642 Checklist Completed By: K Tandenatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Sample was poured off for Metals w/pres.

Action taken to correct problem: _____

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105643**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1253	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	228	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	29.2	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,099	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	0.8	mg/L	05/09/2007	10:00	0.1	DT	HACH 8171
N-Nitrite	<0.005	mg/L	05/09/2007	13:45	0.005	DT	HACH 8507
pH, field	6.98	S.U.	05/07/2007	12:53	N/A	KB	SM 4500-H+ B
Solids, total dissolved	598	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.5	C	05/07/2007	12:53	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.06	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	109	109	75 - 125
N-Nitrite	<0.005	94.1	1.1	20	90.0	91.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 12:53
DateReceived: 05/10/07
Matrix: Aqueous

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-009
Client Sample ID: 105643

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0031	mg/L		0.0003		E200.8	06/21/07 21:18 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	6.3	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Gross Alpha precision (±)	0.7	pCi/L				E900.0	05/28/07 00:43 / crw
Radon 222	292	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	120	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	0.5	pCi/L		0.2		E903.0	05/22/07 16:01 / crw
Radium 226 precision (±)	0.3	pCi/L				E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin, Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite, Sulfate, Cond., pH	Temp., TDS, TKS, Se	Uranium	Radionuclides:	Gross alpha, Radon	222, Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1253	2L	P	1		X	X	X	X				105643
2	Well	L	5/7/07	1253	2L, 40ml	P, G	4						X	X	X	105643

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1521	[signature]	5/7/07	15:15
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Colorado Gw Dist. Date Received: 5/7/17

BE Sample #: 105643 Checklist Completed By: K Randmatte
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Sample was pound off for Metals w/pres.

Action taken to correct problem: _____

2713 Houston Hwy.
B ENVIRONMENTA
Victoria, TX 77901
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105644**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1310	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	268	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	40.0	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,217	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	1.4	mg/L	05/09/2007	10:00	0.1	DT	HACH 8171
N-Nitrite	0.005	mg/L	05/09/2007	13:45	0.005	DT	HACH 8507
pH, field	7.20	S.U.	05/07/2007	13:10	N/A	KB	SM 4500-H+ B
Solids, total dissolved	724	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.3	C	05/07/2007	13:10	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.02	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	109	109	75 - 125
N-Nitrite	<0.005	94.1	1.1	20	90.0	91.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 13:10
DateReceived: 05/10/07
Matrix: Aqueous

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-010
Client Sample ID: 105644

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0040	mg/L		0.0003		E200.8	06/21/07 21:22 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	4.9	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Gross Alpha precision (±)	0.7	pCi/L				E900.0	05/28/07 00:43 / crw
Radon 222	416	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	121	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, cond, pH	Temp, TDS, pH, Se	Uranium	Radionuclides	Gross Alpha, Radium	222, Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1310	2L	P	1		X	X	X	X					105644
2	Well	L	5/7/07	1310	2L, 40h	P, G	4						X	X	X	1	105644

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1525	[signature]	5/7/07	15:15
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Remarks:

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

5/7/07 @ 1314 pH - 7.20

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/7/07

BE Sample #: 105044 Checklist Completed By: K Mandinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Sample was poured off for Metals w/ Pres.

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA.
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105645**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1320	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	280	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	50.2	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,277	umhos/cm	05/16/2007	11:30	10	DT	EPA 120.1
N-Nitrate	1.4	mg/L	05/09/2007	10:00	0.1	DT	HACH 8171
N-Nitrite	0.005	mg/L	05/09/2007	13:45	0.005	DT	HACH 8507
pH, field	7.07	S.U.	05/07/2007	13:25	N/A	KB	SM 4500-H+ B
Solids, total dissolved	786	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.6	C	05/07/2007	13:25	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.02	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.4	2.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	109	109	75 - 125
N-Nitrite	<0.005	94.1	1.1	20	90.0	91.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 13:20
DateReceived: 05/10/07
Matrix: Aqueous

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-011
Client Sample ID: 105645

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0044	mg/L		0.0003		E200.8	06/21/07 21:39 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	3.3	pCi/L		1.0		E900.0	05/28/07 00:43 / crw
Gross Alpha precision (±)	0.7	pCi/L				E900.0	05/28/07 00:43 / crw
Radon 222	208	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	118	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses: Cl, Nitrate, Nitrite; Sulfate, Cond, pH; Temp, TDS, Alk, Se; Uranium; Radio Nuclides; Gross Alpha, Radon; 222, Radium 226

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond, pH	Temp, TDS, Alk, Se	Uranium	Radio Nuclides	Gross Alpha, Radon	222, Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1320	2L	P	1		X	X	X	X					105645
2	Well	L	5/7/07	1320	2L, 40ml	P, G	4						X	X	X		105645

Sampler Name: Kevin Boros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5-7-07	1171	[signature]	5/7/07	15:15
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#17

5/7/07 @ 1325 pH = 7.07 temp = 25.6°C

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/7/07

BE Sample #: 105645 Checklist Completed By: K Vandenette
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Samples were poured off for Metals w/pres.

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105646**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1335	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	270	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	46.0	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,296	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
N-Nitrate	1.4	mg/L	05/09/2007	10:00	0.1	DT	HACH 8171
N-Nitrite	0.006	mg/L	05/09/2007	13:45	0.005	DT	HACH 8507
pH, field	7.04	S.U.	05/07/2007	13:38	N/A	KB	SM 4500-H+ B
Solids, total dissolved	760	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	26.4	C	05/07/2007	13:38	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.02	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	109	109	75 - 125
N-Nitrite	<0.005	94.1	1.1	20	90.0	91.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 13:35
DateReceived: 05/10/07
Matrix: Aqueous

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-012
Client Sample ID: 105646

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0046	mg/L		0.0003		E200.8	06/21/07 22:01 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	4.5	pCi/L		1.0		E900.0	05/28/07 22:32 / crw
Gross Alpha precision (±)	0.8	pCi/L				E900.0	05/28/07 22:32 / crw
Radon 222	498	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	122	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	0.6	pCi/L		0.2		E903.0	07/23/07 12:19 / crw
Radium 226 precision (±)	0.3	pCi/L				E903.0	07/23/07 12:19 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate cond., pH	Temp, TDS, AS, Se	Uranium	Radionuclides	Gross alpha, Radon	222, Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1335	2L	P	1		X	X	X	X					105646
2	Well	L	5/7/07	1335	2L, 40ml	P, G	4						X	X	X		105646

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1171	[signature]	5/7/07	15:15

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#19

5/7/07 @ 1338 pH = 7.04 temp. = 26.4°C

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist Date Received: 5/7/07

BE Sample #: 105646 Checklist Completed By: K Fardinatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Samples was pound off for Metals w/pres

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105647**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1450	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	214	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	36.1	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,133	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
N-Nitrate	1.6	mg/L	05/09/2007	10:00	0.1	DT	HACH 8171
N-Nitrite	0.007	mg/L	05/09/2007	13:45	0.005	DT	HACH 8507
pH, field	7.17	S.U.	05/07/2007	14:50	N/A	OT	SM 4500-H+ B
Solids, total dissolved	632	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	28.6	C	05/07/2007	14:50	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	0.01	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	109	109	75 - 125
N-Nitrite	<0.005	94.1	1.1	20	90.0	91.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 14:50
DateReceived: 05/10/07
Matrix: Aqueous

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-013
Client Sample ID: 105647

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0047	mg/L		0.0003		E200.8	06/21/07 22:05 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	7.3	pCi/L		1.0		E900.0	05/28/07 22:32 / crw
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/28/07 22:32 / crw
Radon 222	370	pCi/L		100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	119	pCi/L				D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 16:01 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Gulf Co. Groundwater Dist.	Company:	
Address:	329 W. Franklin	Address:	
	Gilliard TX 77963		
Contact:	Art Dormann	Contact:	
Phone:		Phone:	
Fax:		Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp, TDS, pH, Sal	Uranium	Radionuclides	Gross Alpha, Radium	222, Radium 226	Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1450	2L	P	1	X	X	X	X				105647
2	Well	L	5/7/07	1450	2L, 40ml	P,G	4					X	X	X	105647

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1710	[signature]	5/7/07	1515
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

#114

5/7/07 @ 1352 pH=7.17 temp=28.6°C

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW. Dist. Date Received: 5/7/07

BE Sample #: 105647 Checklist Completed By: K Vandenatti
Signature

Carrier Name: ~~BEK~~ BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Samples was poured off for Metals w/press.

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105648**
Sample ID:	Well	**Date Received:**	05/07/2007
Date Taken:	05/07/2007	**Time Received:**	15:15
Time Taken:	1410	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	211	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Sulfate-IC	34.3	mg/L	05/11/2007	15:11	0.50	DT	SM 4110B
Conductivity, specific	1,057	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
N-Nitrate	1.2	mg/L	05/09/2007	10:00	0.1	DT	HACH 8171
N-Nitrite	0.006	mg/L	05/09/2007	13:45	0.005	DT	HACH 8507
pH, field	7.23	S.U.	05/07/2007	14:13	N/A	KB	SM 4500-H+ B
Solids, total dissolved	594	mg/L	05/14/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.1	C	05/07/2007	14:13	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	05/17/2007	13:40	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	11:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/17/2007	13:40	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	108	0.0	20	105	105	70 - 130
Sulfate-IC	<0.5	103	1.0	20	94.8	95.7	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
N-Nitrate	<0.1	110	0.0	20	109	109	75 - 125
N-Nitrite	<0.005	94.1	1.1	20	90.0	91.0	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	5.9	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	99.0	0.8	20	91.3	90.5	70 - 125
Iron, ICP	<0.01	87.6	2.7	20	85.0	87.7	75 - 125
Selenium, GFAA	<0.003	99.3	2.2	20	82.3	80.1	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis. 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Revised Date: 07/24/07
Report Date: 06/09/07
Collection Date: 05/07/07 14:10
DateReceived: 05/10/07
Matrix: Aqueous

Client: B Environmental
Project: Not Indicated
Lab ID: C07050499-014
Client Sample ID: 105648

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.0029	mg/L		0.0003		E200.8	06/21/07 22:09 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	2.3	pCi/L		1.0		E900.0	05/28/07 22:32 / crw
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/28/07 22:32 / crw
Radon 222	124	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	116	pCi/L	H			D5072-92	05/14/07 10:10 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	05/22/07 17:44 / crw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. Groundwater Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp., TDS, ASS	Uranium	Radionuclides	Gross Alpha, Radon	222, Radium 226		Lab Sample ID (Lab Use Only)
1	Well	L	5/7/07	1410	2L	P	1		X	X	X	X					105648
2	Well	L	5/7/07	1410	2L, 40ml	P, G	4						X	X	X		105648

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-7-07	1171	[signature]	5/7/07	15:15

For Lab Use Only

Temp: ____ °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks:

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#15

5/7/07 @ 1413 pH = 7.23 temp = 25.1°C

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/7/07

BE Sample #: 1051048 Checklist Completed By: K Tandinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	~~NO VOA VIALS SUBMITTED~~ KT 5/7
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Sample was poured off for Metals wipes.

Action taken to correct problem: _____

B ENVIRONMENTA
713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105775**
Sample ID:	Barn	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	0815	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	234	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	6.2	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	41.6	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,224	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
pH, field	6.97	S.U.	05/09/2007	08:17	N/A	KB	SM 4500-H+ B
Solids, total dissolved	646	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	23.6	C	05/09/2007	08:17	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.83	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-001
Client Sample ID: 105775

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 08:15
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.006	mg/L		0.001	0.03	E200.8	05/17/07 00:33 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	7.6	pCi/L		1.0	15	E900.0	06/01/07 04:43 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	06/01/07 04:43 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 09:06 / crw
Radon 222	237	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	85.6	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Dinmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project.	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp, TDS, Al, Se	Uranium	Radionuclides	Gross alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Barn	L	5/9/07	0815	2L	P	1	X	X	X	X					105775
	Barn	L	5/9/07	0815	2L,4oz	P.G	4					X	X	X	X	105775

Sampler Name: Kevin Barcs

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1500	[signature]	5/9/07	1500
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☐ Yes ☒ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

pH = 6.97 temp 23.1° 5/9 @ 1917

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist Date Received: 5/9/07

BE Sample #: 105775 Checklist Completed By: K Gandonatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were paired off + preserved

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA.
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105776**
Sample ID:	Barn	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	0840	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	135	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	3.3	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	57.5	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,048	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
pH, field	6.69	S.U.	05/09/2007	08:41	N/A	KB	SM 4500-H+ B
Solids, total dissolved	578	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.3	C	05/09/2007	08:41	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.02	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black. C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-002
Client Sample ID: 105776

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 08:40
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.001	mg/L		0.001	0.03	E200.8	05/17/07 01:06 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	1.5	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 09:06 / crw
Radon 222	325	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	86.5	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 N. Franklin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp., TDS, As, Se	Uranium	Radionuclides	Gross Alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	0840	2L	P	1		X	X	X	X					105776
	Well	L	5/9/07	0840	2,40ml	P,G	4						X	X	X	X	105776

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1500	Kristi Tandenatti	5/9/07	1500

For Lab Use Only

Temp: 2.3°C

Received Chilled: ☒ Yes ☐ No RZ 5/9

Remarks: on ice packs

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

pH = 6.69 temp = 24.3° 5/9 @ 0840

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/9/07

BE Sample #: 105776 Checklist Completed By: K Landmalli
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metal

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + Preserved

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105777**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	0905	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	315	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	37.4	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,356	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
pH, field	6.88	S.U.	05/09/2007	09:06	N/A	KB	SM 4500-H+ B
Solids, total dissolved	868	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.3	C	05/09/2007	09:06	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.29	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 09:05
DateReceived: 05/11/07
Matrix: Drinking Water

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-003
Client Sample ID: 105777

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.008	mg/L		0.001	0.03	E200.8	05/17/07 01:10 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	42.4	pCi/L	*	1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	1.0	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	18.3	pCi/L	*	1.0	5	E903.0	05/21/07 09:06 / crw
Radium 226 precision (±)	1.4	pCi/L				E903.0	05/21/07 09:06 / crw
Radon 222	6040	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	145	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
* - The result exceeds the MCL.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 N. Franklin Goliad TX 77963	Address:
Contact: Art Dinmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp., TDS, As, Se	Uranium	Radionuclides	Gross alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	0905	2L	P	1		X	X	X	X					105777
	Well	L	5/9/07	0905	2L, 40ml	P, G	4						X	X	X	X	105777

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1100	Kevin Zandenatto	5/9/07	1500

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#18

pH = 6.88 temp = 25.5°C 5/9 @ 0906

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist Date Received: 5/9/07

BE Sample #: 105777 Checklist Completed By: Ktandmath
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + Preserved

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105778**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	0917	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	369	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	2.9	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	56.6	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,515	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
pH, field	6.75	S.U.	05/09/2007	09:19	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,116	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.2	C	05/09/2007	09:19	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.39	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C A. et al (ed) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 [illegible]7.235.0515 • Fax 307.234.1639 • casper@ener[illegible].com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-004
Client Sample ID: 105778

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 09:17
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/17/07 01:15 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	4.2	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 09:06 / crw
Radon 222	383	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	86.9	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl, Nitrate, Nitrite	Sulfate, Cond. pH	Temp. TDS, HS, Se	Uranium	Radionuclides	Gross alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	0917	2L	P	1	X	X	X	X					105778
	Well	L	5/9/07	0917	2L, 40ml	P,G	4					X	X	X	X	105778

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1600	Kevin Landmatte	5/9/07	1500

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#19

pH = 6.75 temp: 25.2°C 5/9@0919

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist Date Received: 5/8/07

BE Sample #: 105778 Checklist Completed By: K Tandmatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + Preserved

Action taken to correct problem: _____

B ENVIRONMENTAL
!713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105779**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	0940	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	270	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	4.4	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	42.5	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,323	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
pH, field	6.88	S.U.	05/09/2007	09:40	N/A	KB	SM 4500-H+ B
Solids, total dissolved	814	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.6	C	05/09/2007	09:40	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.17	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-005
Client Sample ID: 105779

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 09:40
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/17/07 01:19 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	3.1	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 09:06 / crw
Radon 222	235	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	84.7	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl, Nitrate, Nitrite	Sulfate, Cond. pH	temp, TDS, BS&T	Uranium	Radium	Gross alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	0940	2L	P	1	X	X	X	X					105779
	Well	L	5/9/07	0940	2,4L	P,G	4					X	X	X	X	105779
	Mrs. Low picked up report 7/25/07															

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5-9-07	1600	Kevin Landenatti	5/9/07	1500
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☐ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#20

DH = 16.22 temp 25.6° SIG @ 1940

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. Gw Dist Date Received: 5/9/07

BE Sample #: 105779 Checklist Completed By: K Vandenatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off & Preserved

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105780**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	0950	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	270	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	4.5	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	42.3	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,289	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
pH, field	6.85	S.U.	05/09/2007	09:52	N/A	KB	SM 4500-H+ B
Solids, total dissolved	750	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.7	C	05/09/2007	09:52	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.19	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U S Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-006
Client Sample ID: 105780

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 09:50
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/17/07 01:23 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	2.6	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 09:06 / crw
Radon 222	176	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	83.8	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Dist.	Company:	
Address:	329 W. Franklin Goliad TX 77963	Address:	
Contact:	Art Dohmann	Contact:	
Phone:		Phone:	
Fax:		Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrate	Sulfate, Cond, pH	Temp, TDS, As, Se	Uranium	Radio nuclides	Gross Alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	0950	2L	P	1		X	X	X	X					105780
	Well	L	5/9/07	0950	2L, 40ml	P, G	4						X	X	X	X	105780
	Mr. Love picked up report 7/25/07																

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1800	Rush Zardenatti	5/9/07	1500

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#21

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GWDist. Date Received: 5/9/07

BE Sample #: 105780 Checklist Completed By: K Tandinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were pouned up to preserved

Action taken to correct problem: _____

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105781**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1015	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	200	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	3.6	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	39.3	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,083	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
pH, field	6.94	S.U.	05/09/2007	10:16	N/A	KB	SM 4500-H+ B
Solids, total dissolved	692	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	26.0	C	05/09/2007	10:16	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-007
Client Sample ID: 105781

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 10:15
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/17/07 01:27 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	3.0	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 09:06 / crw
Radon 222	322	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	85.6	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Alt Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project #:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, N-Mate, N-Mite	Sulfate, Cond. pH	Temp. TDS, Ass.	Uranium	Radionuclides	Gross Alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	1015	2L	P	1		X	X	X	X					105781
	Well	L	5/9/07	1015	2L, 40ml	P,G	4						X	X	X	X	~~105782~~ 105781 WD 5/10/07

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1100	Kurt Zandenatti	5/9/07	1500
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 23 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Once packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#22

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GWDist. Date Received: 5/9/07

BE Sample #: 105781 Checklist Completed By: K Vandenatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured up + preserved

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105782**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1050	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	365	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	4.5	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	56.5	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,474	umhos/cm	05/16/2007	12:00	10	DT	EPA 120.1
pH, field	6.89	S.U.	05/09/2007	10:50	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,220	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.1	C	05/09/2007	10:50	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	96.8	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-008
Client Sample ID: 105782

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 10:50
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/17/07 01:31 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	3.5	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 09:06 / crw
Radon 222	262	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	84.4	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl, Nitrate, Nitrite	Sulfate, Cond. pH	Temp, TDS, HS, Se	Uranium	Radionuclides	Gross Alpha	Radium 226	Radium 228	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	1050	2L	P	1	X	X	X	X					105782
	Well	L	5/9/07	1050	2L, 4oz	P.G	4					X	X	X	X	105782

Sampler Name: Kevin Burros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5/9/07	1100	Kurt Zundenatti	5/9/07	1500
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#23

DH-1.29 10... 75.1°. [illegible]

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Colorado Co. GW Dist. Date Received: 5/9/07

BE Sample #: 105782 Checklist Completed By: K Faudinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off & preserved.

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105783**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1114	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	393	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	5.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	32.2	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,539	umhos/cm	05/16/2007	12:30	10	DT	EPA 120.1
pH, field	7.11	S.U.	05/09/2007	11:14	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,188	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.5	C	05/09/2007	11:14	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.09	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	94.9	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-009
Client Sample ID: 105783

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 11:14
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/17/07 01:52 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	3.0	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 09:06 / crw
Radon 222	117	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	82.8	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Tray Klin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, cond., pH	Temp., TDS, Pb, Se	Uranium	Radionuclides	Gross alpha	Radium 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	1114	2L	P	1		X	X	X	X					105783
	Well	L	5/9/07	1114	2L, 4oz	P,G	4						X	X	X	X	105783

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1400	Kurt Zandenatte	5/9/07	1500
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 2.3°C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: on 16 pages

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

pH = 7.11 temp = 24.5°C 5/9 @ 1115

#24

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/9/07

BE Sample #: 105785 Checklist Completed By: K Mandinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were passed off + Preserved

Action taken to correct problem: _____

B ENVIRONMENTAL
!713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105784**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1130	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	692	mg/L	06/05/2007	17:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	3.5	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	76.9	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	2,180	umhos/cm	05/16/2007	12:30	10	DT	EPA 120.1
pH, field	6.86	S.U.	05/09/2007	11:30	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,798	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.8	C	05/09/2007	11:30	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.19	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.6	20	102	103	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	94.9	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-010
Client Sample ID: 105784

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 11:30
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.005	mg/L		0.001	0.03	E200.8	05/17/07 01:56 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	4.1	pCi/L		1.0	15	E900.0	06/02/07 23:54 / res
Gross Alpha precision (±)	1.1	pCi/L				E900.0	06/02/07 23:54 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 11:23 / crw
Radon 222	232	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	83.6	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Pohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

NUMBER OF CONTAINERS

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond, pH	Temp, TDS, As, Se	Uranium	Radionuclides	Gross alpha	Radium 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	1130	2L	P	1		X	X	X	X					105784
	Well	L	5/9/07	1130	2L, 40ml	P, G	4						X	X	X	X	105784

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1500	Kurt Zaudenath	5/9/07	1500

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#25

pH = 6.86 temp = 24.8°C 5/9 @ 1130

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Oakland Co. GW Dist Date Received: 5/9/07

BE Sample #: 105703 Checklist Completed By: K Vandewatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were pared off + Preserved

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105785**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1145	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	323	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	4.9	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	34.4	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,394	umhos/cm	05/16/2007	12:30	10	DT	EPA 120.1
pH, field	7.08	S.U.	05/09/2007	11:46	N/A	KB	SM 4500-H+ B
Solids, total dissolved	828	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	26.0	C	05/09/2007	11:46	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.21	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	94.9	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black. C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-011
Client Sample ID: 105785

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 11:45
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.004	mg/L		0.001	0.03	E200.8	05/17/07 02:12 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	4.5	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 11:23 / crw
Radon 222	232	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	83.5	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Franklin Goliad TX 77963	Address:
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp., TDS, As, Se	Uranium	Radionuclides	Gross alpha	Radium 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	1145	2L	P	1	X	X	X	X					105785
	Well	L	5/9/07	1145	2L, 40ml	P, G	4					X	X	X	X	105785

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1600	Kurt Zaccharatti	5/9/07	1500

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#26

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

pH = 7.08 temp = 26.0°C 5/9 @ 1146

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/9/07

BE Sample #: 105785 Checklist Completed By: K Zandinatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + Preserved

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105786**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1159	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	284	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	5.0	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	35.1	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,333	umhos/cm	05/16/2007	12:30	10	DT	EPA 120.1
pH, field	6.91	S.U.	05/09/2007	11:59	N/A	KB	SM 4500-H+ B
Solids, total dissolved	792	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.2	C	05/09/2007	11:59	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.12	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	94.9	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 7.235.0515 • Fax 307.234.1639 • casper@ener com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 11:59
DateReceived: 05/11/07
Matrix: Drinking Water

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-012
Client Sample ID: 105786

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.004	mg/L		0.001	0.03	E200.8	05/17/07 02:16 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	3.8	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 11:23 / crw
Radon 222	260	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	83.7	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW. Dist.	Company:	
Address:	329 W. Franklin Goliad TX 77963	Address:	
Contact:	Art Dinmann	Contact:	
Phone:		Phone:	
Fax:		Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl, Nitrate, Nitrite	Sulfate, fluoride, pH	Hardness, TDS, As, Se	Uranium	Radionuclides	Gross alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	1159	2L	P	1	X	X	X	X					105786
	Well	L	5/9/07	1159	2,40ml	PG	4					X	X	X	X	105786

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5-9-07	1100	Kurt Zaudnatti	5/9/07	1500
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#7.1

pH = 6.91 temp = 24.2°C 5/9 @ 1159

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/9/07

BE Sample #: 105786 Checklist Completed By: K Faudmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off & preserved.

Action taken to correct problem: _____

B ENVIRONMENTA
713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105787**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1305	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	254	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	60.2	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	49.0	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,425	umhos/cm	05/16/2007	12:30	10	DT	EPA 120.1
pH, field	6.70	S.U.	05/09/2007	13:06	N/A	KB	SM 4500-H+ B
Solids, total dissolved	970	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	23.8	C	05/09/2007	13:06	N/A	KB	EPA 170.1
Arsenic, GFAA	0.006	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.17	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	94.9	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 13:05
DateReceived: 05/11/07
Matrix: Drinking Water

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-013
Client Sample ID: 105787

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.001	mg/L		0.001	0.03	E200.8	05/17/07 02:20 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	1.2	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 11:23 / crw
Radon 222	258	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	83.0	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W. Franklin	Address:
Goliad TX 77963	
Contact: Art Dorrmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond. pH	Temp, TDS, PS, Se	Uranium	Radionuclides	Gross alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	1305	2L	P	1		x	x	x	x					105787
	Well	L	5/9/07	1305	2L,4L	P,G	4						x	x	x	x	105787
	Sent results																
	Received CK 7/30/07																

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1600	Kerth Zandenatti	5/9/07	1500

For Lab Use Only

Temp: 2.3°C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Brizepacks

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

XX7.0

pH = 6.70 temp = 23.8°C 5/9 @ 1300

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co GW Dist. Date Received: 5/9/07

BE Sample #: 105787 Checklist Completed By: Ktandmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were paired up & preserved

Action taken to correct problem: _____

713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105788**
Sample ID:	Well -	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1338	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	24.4	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	8.8	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	600	umhos/cm	05/16/2007	12:30	10	DT	EPA 120.1
pH, field	7.09	S.U.	05/09/2007	13:40	N/A	KB	SM 4500-H+ B
Solids, total dissolved	312	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	23.6	C	05/09/2007	13:40	N/A	KB	EPA 170.1
Arsenic, GFAA	0.007	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	2.10	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	94.9	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 13:38
DateReceived: 05/11/07
Matrix: Drinking Water

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-014
Client Sample ID: 105788

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	ND	mg/L		0.001	0.03	E200.8	05/17/07 02:25 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0	15	E900.0	06/01/07 21:09 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 11:23 / crw
Radon 222	200	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	81.9	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Dist.	Company:	
Address:	329 W. Franklin Goliad TX 77963	Address:	
Contact:	Art Dohmann	Contact:	
Phone:		Phone:	
Fax:		Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses: Chloride, Nitrate, Sulfate, Cond., pH, Temp., DS, TSS, Nitrate, Radionuclides, Gross Alpha, Radium 226, Radium 228

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Chloride, Nitrate, Sulfate	Cond., pH, Temp., DS, TSS	Nitrate	Radionuclides	Gross Alpha	Radium 226	Radium 228	Lab Sample ID (Lab Use Only)
	Well-	L	5/9/07	1338	2L	P	1	X	X	X	X				105788
	Well -	L	5/9/07	1338	2,4oz	P.G	4					X	X	X	105788

Sampler Name: Kevin Boros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date: 5-9-07	Time: 1500	Received by: (Signature)	Date: 5/9/07	Time: 1500
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#79

pH = 7.09 temp = 23.6°C 5/9 @ 1340

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/9/07

BE Sample #: P5788 Checklist Completed By: K Landmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured up & preserved

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105789**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1400	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	144	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	4.0	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	40.2	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,005	umhos/cm	05/16/2007	12:30	10	DT	EPA 120.1
pH, field	7.05	S.U.	05/09/2007	14:00	N/A	KB	SM 4500-H+ B
Solids, total dissolved	574	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.1	C	05/09/2007	14:00	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	2.68	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	94.9	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad W. GWD st Date Received: 5/9/07

BE Sample #: 105789 Checklist Completed By: K Zandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**105790**
Sample ID:	Well	**Date Received:**	05/09/2007
Date Taken:	05/09/2007	**Time Received:**	15:00
Time Taken:	1420	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	295	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Nitrate-IC	6.2	mg/L	05/10/2007	13:38	0.10	DT	SM 4110B
Sulfate-IC	28.6	mg/L	05/10/2007	13:38	0.50	DT	SM 4110B
Conductivity, specific	1,305	umhos/cm	05/16/2007	12:30	10	DT	EPA 120.1
pH, field	7.02	S.U.	05/09/2007	15:00	N/A	KB	SM 4500-H+ B
Solids, total dissolved	830	mg/L	05/16/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.2	C	05/09/2007	15:00	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/18/2007	11:35	0.002	WEW	EPA 206.2
Iron, ICP	0.02	mg/L	06/28/2007	13:21	0.01	WEW	EPA 200.7
Selenium, GFAA	0.003	mg/L	05/18/2007	11:35	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	103	0.1	20	104	104	70 - 130
Nitrite-IC	<0.1	99.0	0.0	20	83.8	83.8	70 - 130
Nitrate-IC	<0.1	100	0.4	20	95.4	95.8	70 - 130
Sulfate-IC	<0.5	100	0.6	20	93.9	93.4	70 - 130
Conductivity, specific	N/A	94.9	0.3	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	11.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	2.0	20	100	103	70 - 125
Iron, ICP	<0.01	92.5	2.4	20	81.6	84.0	75 - 125
Selenium, GFAA	<0.003	103	0.0	20	92.0	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U S Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07050598-016
Client Sample ID: 105790

Revised Date: 07/03/07
Report Date: 06/12/07
Collection Date: 05/09/07 14:20
DateReceived: 05/11/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/17/07 02:49 / aln
RADIONUCLIDES - TOTAL							
Gross Alpha	2.8	pCi/L		1.0	15	E900.0	06/02/07 10:31 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/02/07 10:31 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/21/07 11:23 / crw
Radon 222	199	pCi/L	H	100		D5072-92	05/14/07 10:10 / dpb
Radon 222 precision (±)	81.5	pCi/L	H			D5072-92	05/14/07 10:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Dist.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone:	Phone:
Fax:	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl, Nitrate, Nitrite	Sulfate, Cond., pH	Temp., TDS, HS, Sr	Radionuclides	Gross Alpha	Radon 222	Radium 226	Lab Sample ID (Lab Use Only)
	Well	L	5/9/07	1420	2L	P	1		X	X	X	X				105790
	Well	L	5/9/07	1420	2,4oz	P,G	4						X	X	X	X	105790

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☑ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-9-07	1420	Kurt Zandonatti	5/9/07	1500

For Lab Use Only

Temp: 2.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: brick packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#31

[illegible] 5/9 @ 1420

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co GW Dist. Date Received: 5/9/07

BE Sample #: 105790 Checklist Completed By: K Zaudenaski
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

B ENVIRONMENTAL
:713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106011**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	0835	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	146	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	2.7	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	34.0	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,059	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.71	S.U.	05/21/2007	08:40	N/A	KB	SM 4500-H+ B
Solids, total dissolved	568	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.4	C	05/21/2007	08:40	N/A	KB	EPA 170.1
Arsenic, GFAA	0.007	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-001
Client Sample ID: 106011

Report Date: 06/20/07
Collection Date: 05/21/07 08:35
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.006	mg/L		0.001	0.03	E200.8	05/24/07 11:33 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	6.5	pCi/L		1.0	15	E900.0	06/08/07 10:19 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/08/07 10:19 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 14:18 / crw
Radon 222	500	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	53.3	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:			

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides			pH: 6.71 Sb1 0.40 Temp 24.4°C	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	0835	2L	P	1		X	X	X	X					106011
	Well	L	5/21/07	0835	2L	P	1						X				106011
	Upon results 7/26/07 BAS																

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	1700	Kristi Zandenatti	5/21/07	~~1700~~ 1700 KZ

For Lab Use Only

Temp: 31 °C

Received Chilled: ☒ Yes ☐ No

Remarks: On ice pack

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

H.1

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Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co GW. Dist. Date Received: 5/22/17

BE Sample #: 100011 Checklist Completed By: K Vanderatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metzes

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were pouned up + preserved

Action taken to correct problem: _____

13 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106012**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	0850	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	154	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	3.4	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	48.8	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,146	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.82	S.U.	05/21/2007	08:55	N/A	KB	SM 4500-H+ B
Solids, total dissolved	582	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.0	C	05/21/2007	08:55	N/A	KB	EPA 170.1
Arsenic, GFAA	0.002	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.04	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-002
Client Sample ID: 106012

Report Date: 06/20/07
Collection Date: 05/21/07 08:50
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.010	mg/L		0.001	0.03	E200.8	05/24/07 11:54 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	7.6	pCi/L		1.0	15	E900.0	06/08/07 10:19 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/08/07 10:19 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 14:18 / crw
Radon 222	449	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	52.6	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
P.	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides		pH: 6.82 Temp: 24.0°C	5/21/2005	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	0850	2L	P	1		X	X	X	X					106012
	Well	L	5/21/07	0850	2L	P	1						X				106012

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	1700	Kurt Zandmatte	5/21/07	1700
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 31 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Bolivar Co. GW Dist. Date Received: 5/21/07

BE Sample #: 106017 Checklist Completed By: K Vandenatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were pulled off + preserved

Action taken to correct problem: _____

13 Houston Hwy.

B ENVIRONMENTA

Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106013**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	0920	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	99	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	2.5	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	51.4	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	972	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.69	S.U.	05/21/2007	09:18	N/A	KB	SM 4500-H+ B
Solids, total dissolved	494	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.1	C	05/21/2007	09:18	N/A	KB	EPA 170.1
Arsenic, GFAA	0.006	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.04	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-003
Client Sample ID: 106013

Report Date: 06/20/07
Collection Date: 05/21/07 09:20
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.002	mg/L		0.001	0.03	E200.8	05/24/07 11:58 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	4.1	pCi/L		1.0	15	E900.0	06/08/07 10:19 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/08/07 10:19 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 14:18 / crw
Radon 222	197	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	49.1	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

TRACK# C07051106

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides				Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	0920	2L	P	1		X	X	X	X					106013
	Well	L	5/21/07	0920	2L	P	1						X				106013

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	1700	Kurt Zandenaelle	5/21/07	1700
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☒ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Once packs

*RUSH TURNAROUND REQUIRES SUR... ARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/21/17

BE Sample #: 106013 Checklist Completed By: KZandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were pound off + preserved

Action taken to correct problem: _____

B ENVIRONMENTA
.3 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106014**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	0938	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	136	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	2.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	86.1	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,177	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.67	S.U.	05/21/2007	09:40	N/A	KB	SM 4500-H+ B
Solids, total dissolved	658	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.6	C	05/21/2007	09:40	N/A	KB	EPA 170.1
Arsenic, GFAA	0.007	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-004
Client Sample ID: 106014

Report Date: 06/20/07
Collection Date: 05/21/07 09:38
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/24/07 12:02 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	3.2	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 14:18 / crw
Radon 222	163	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	48.5	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides				Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	0938	2L	P	1		X	X	X	X					106014
	Well	L	5/21/07	0938	2L	P	1						X				106014

pH: 6.67 5/21/07 0940
Temp: 24.6°C

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5/21/07	1700	Kristin Zandenatti	5/21/07	1700

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Mice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Colorado Co. GW Dist. Date Received: 5/31/07

BE Sample #: 106014 Checklist Completed By: K Landenatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were pouring off & preserved

Action taken to correct problem: _____

B ENVIRONMENTA
713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106015**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1020	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	95	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	2.7	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	38.6	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	955	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.86	S.U.	05/21/2007	10:20	N/A	KB	SM 4500-H+ B
Solids, total dissolved	502	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.2	C	05/21/2007	10:20	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-005
Client Sample ID: 106015

Report Date: 06/20/07
Collection Date: 05/21/07 10:20
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.002	mg/L		0.001	0.03	E200.8	05/24/07 12:06 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	4.7	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 14:18 / crw
Radon 222	228	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	49.2	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
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Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:
Company:	Goliad Co. GW Cons.	Company:
Address:	329 W Franklin	Address:
	Goliad TX 77963	
Contact:	Art Dohmann	Contact:
Phone:	645-1716	Phone:
Fax:	645-1772 gcgcd@goliad.net	Fax:
Project:		

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH SO4 TDS	Temp-t As Se	Uranium	Radionuclides	pH: 6.20 Sp.Cond 1020 Temp: 24.2C	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1020	2L	P	1	X	X	X	X			106015
	Well	L	5/21/07	1020	2L	P	1					X		106015
	Gave results 7/30/07													

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	17a	Kurt Zandenatti	5/21/07	1700
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#5

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

12-5/22

Client Name: Goliad Co. GW Dist. Date Received: 5/27/17

BE Sample #: 106015 Checklist Completed By: K Tardenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were pound up + preserved.

Action taken to correct problem: _____

B ENVIRONMENTA
Victoria, TX 77901
13 Houston Hwy.
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106016**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1040	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	201	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	5.9	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	42.5	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,113	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.86	S.U.	05/21/2007	10:41	N/A	KB	SM 4500-H+ B
Solids, total dissolved	666	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	23.9	C	05/21/2007	10:41	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.08	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-006
Client Sample ID: 106016

Report Date: 06/20/07
Collection Date: 05/21/07 10:40
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.004	mg/L		0.001	0.03	E200.8	05/24/07 12:10 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.0	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 14:18 / crw
Radon 222	112	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	47.5	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides			pH: 6.86 5hr 1041 Temp: 23.98	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1040	2L	P	1		X	X	X	X					106016
	Well	L	5/21/07	1040	2L	P	1						X				106016

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	1700	Kurt Zandenatti	5/21/07	1700

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: mice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

KZ 5/22

Client Name: Goliad Co. GW Dist. Date Received: 5/21/07

BE Sample #: 106016 Checklist Completed By: K Zandenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

This well was clogging filters + turning water murky, staining fern

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

Goes with 106016

B E Sample #: **106917**
Project Name:
Sample Location:
Sample Date: 06/27/2007
Sample Time: 16:11

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	7.02	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (*u* mhos/cm)	1,306	NECL	*EPA 120.1*
Total Dissolved Solids[3]	654	500	*by meter*
Chloride[3]	192	250	*EPA 325.3*
Fluoride[2]	<0.5	4.0	*Hach 8029*
Nitrate[2]	7.2	10	*Hach 8171*
Phosphate	<10	NECL	*Hach 8048*
Sulfate[3]	49.2	250	*EPA 375.4*
Total Hardness	376	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.106	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	0.020	1.300**	*EPA 200.7*
Iron[3]	0.03	0.300	*EPA 200.7*
Lead[2]	<0.01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0.050	*EPA 200.7*
Silver[3]	<0.007	0.100	*EPA 200.7*
Calcium	112	NECL	*EPA 200.7*
Magnesium	23.3	NECL	*EPA 200.7*
Sodium	130	NECL	*EPA 200.7*
Aluminum[3]	0.063	0.05-0.2	*EPA 200.7*

**** Results in mg/L (ppm), unless otherwise noted.***
***** Action Level.***
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

B ENVIRONMENTA
13 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106017**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1125	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	159	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	1.5	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	34.6	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,135	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.68	S.U.	05/21/2007	11:26	N/A	KB	SM 4500-H+ B
Solids, total dissolved	648	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	23.8	C	05/21/2007	11:26	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.46	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-007
Client Sample ID: 106017

Report Date: 06/20/07
Collection Date: 05/21/07 11:25
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.007	mg/L		0.001	0.03	E200.8	05/24/07 12:14 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	6.5	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radon 222	144	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	47.6	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goli[illegible] net	Fax:	
Project:			

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 6.68 5/21/26 Temp 23.8°C	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1125	2L	P	1	X	X	X	X			106017
	Well	L	5/21/07	1125	2L	P	1					X		106017

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	1700	[signature]	5/21/07	1700
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/27/21

BE Sample #: 106017 Checklist Completed By: KGandmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off & preserved

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106018**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1219	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	90	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	3.5	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	29.0	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	948	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.85	S.U.	05/21/2007	12:20	N/A	KB	SM 4500-H+ B
Solids, total dissolved	498	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.6	C	05/21/2007	12:20	N/A	KB	EPA 170.1
Arsenic, GFAA	0.018	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.03	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-008
Client Sample ID: 106018

Report Date: 06/20/07
Collection Date: 05/21/07 12:19
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/24/07 12:18 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	3.1	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radon 222	160	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	47.5	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
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Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH SO4 TDS	Temp-1 As Se	Uranium	Radionuclides	pH, Lab 35 Sb1 Na	Temp: 24hr		Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1219	2L	P	1		X	X	X	X					106018
	Well	L	5/21/07	1219	2L	P	1						X				106018

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	1700	Kevin Landenatti	5/21/07	1700
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/21/07

BE Sample #: 104012 Checklist Completed By: K Gardenette
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were pouned off + preserved

Action taken to correct problem: _____

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106019**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1226	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	100	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	9.7	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	30.0	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,070	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.98	S.U.	05/21/2007	12:28	N/A	KB	SM 4500-H+ B
Solids, total dissolved	508	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.3	C	05/21/2007	12:28	N/A	KB	EPA 170.1
Arsenic, GFAA	0.009	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
Temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
- EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
- Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
- EPA Test Methods for Evaluating Solid Waste. SW-846 3rd Edition, 1986
Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-009
Client Sample ID: 106019

Report Date: 06/20/07
Collection Date: 05/21/07 12:26
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.001	mg/L		0.001	0.03	E200.8	05/24/07 12:22 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.3	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radon 222	209	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	48.2	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides			pH: 6.98 5/21/07 1228 temp: 24.3°C	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1226	2L	P	1		X	X	X	X					106019
	Well	L	5/21/07	1226	2L	P	1						X				106019

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5/21/07	1700	Kurt Zardenatti	5/21/07	1700
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 31 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: mice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlink...

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist.

Date Received: 5/21/17

BE Sample #: 106019

Checklist Completed By: K Landmatti
Signature

Carrier Name: bEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals were pouned off + preserved

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106020**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1248	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	157	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	13.4	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	18.5	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,031	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.73	S.U.	05/21/2007	12:49	N/A	KB	SM 4500-H+ B
Solids, total dissolved	620	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.2	C	05/21/2007	12:49	N/A	KB	EPA 170.1
Arsenic, GFAA	0.012	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.09	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-010
Client Sample ID: 106020

Report Date: 06/20/07
Collection Date: 05/21/07 12:48
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.001	mg/L		0.001	0.03	E200.8	05/24/07 12:55 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.9	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	1.0	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radium 226 precision (±)	0.4	pCi/L				E903.0	05/30/07 15:32 / crw
Radon 222	159	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	47.4	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides			pH: 6.73 5/21 1249 temp: 24.28	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1248	2L	P	1		X	X	X	X					106020
	Well	L	5/21/07	1248	2L	P	1						X				106020

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	1700	Kristi Zandenatti	5/21/07	1700

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Mice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/21/07

BE Sample #: 104020 Checklist Completed By: K Landmatti
Signature

Carrier Name: BE Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106021**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1330	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	430	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	0.2	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	1.2	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	24.8	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,702	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	6.94	S.U.	05/21/2007	13:31	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,256	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.2	C	05/21/2007	13:31	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.14	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-011
Client Sample ID: 106021

Report Date: 06/20/07
Collection Date: 05/21/07 13:30
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.002	mg/L		0.001	0.03	E200.8	05/24/07 12:59 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	3.5	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radon 222	ND	pCi/L		100		D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:
Company:	Goliad Co. GW Cons.	Company:
Address:	329 W Franklin	Address:
	Goliad TX 77963	
Contact:	Art Dohmann	Contact:
Phone:	645-1716	Phone:
Fax:	645-1772 gcgcd@goliad.net	Fax:
Proje		PO#

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH S04 TDS	Temp-t As Se	Uranium	Radionuclides	pH: 6.94 Sln 1331 Temp: 24.2c			Lab Sample ID (Lab Use Only)
	Well	L	5/21/17	1330	2L	P	1	X	X	X	X					106021
	Well	L	5/21/17	1330	2L	P	1					X				106021

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-17	1700	Kristi Zandenatte	5/21/17	1700
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Dry packs

*RUSH TURNAROUND REQUIRES SUR. ARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/21/07

BE Sample #: 104021 Checklist Completed By: K Randomatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

:713 Houston Hwy.
B ENVIRONMENTA.
Victoria, TX 77901
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106022**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1236	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	327	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	2.7	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	26.2	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,474	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	7.01	S.U.	05/21/2007	12:37	N/A	KB	SM 4500-H+ B
Solids, total dissolved	898	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	24.4	C	05/21/2007	12:37	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.04	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-012
Client Sample ID: 106022

Report Date: 06/20/07
Collection Date: 05/21/07 12:36
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/24/07 13:04 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	4.2	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radon 222	160	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	47.5	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides			pH 7.01 5/21 D37 Temp: 24.4°C	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1236	2L	P	1		X	X	X	X					106022
	Well	L	5/21/07	1236	2L	P	1						X				106022

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-4-07	1700	Kristi Fandenatti	5/21/07	1700

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Unice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

.2

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: GoliadGW Dist. Date Received: 5/21/17

BE Sample #: 106022 Checklist Completed By: K Landmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO (Metals)	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off & preserved

Action taken to correct problem: _____

B ENVIRONMENTA
Victoria, TX 77901
'13 Houston Hwy.
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106023**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1445	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	243	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	5.2	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	38.9	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,335	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	7.9	S.U.	05/21/2007	14:46	N/A	KB	SM 4500-H+ B
Solids, total dissolved	720	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	25.2	C	05/21/2007	14:46	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	0.008	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-013
Client Sample ID: 106023

Report Date: 06/20/07
Collection Date: 05/21/07 14:45
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.005	mg/L		0.001	0.03	E200.8	05/24/07 13:08 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	3.8	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radon 222	205	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	47.4	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides		pH: 7.9 Temp: 25.2°C	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1445	2L	P	1		X	X	X	X				106023
	Well	L	5/21/07	1445	2L	P	1						X			106023

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5-21-07	1700	Kristi Tandenatti	5/21/07	1700

For Lab Use Only

Temp: 3.1 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Unizepack

*RUSH TURNAROUND REQUIRES SURCHARGE

12

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/21/07

BE Sample #: 106023 Checklist Completed By: [signature]
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

B ENVIRONMENTA
713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name		**LAB Sample #:**	**106024**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1500	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	145	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	32.0	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	45.3	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,188	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	7.07	S.U.	05/21/2007	15:03	N/A	KB	SM 4500-H+ B
Solids, total dissolved	666	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	25.2	C	05/21/2007	15:03	N/A	KB	EPA 170.1
Arsenic, GFAA	0.023	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	0.10	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C A et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-014
Client Sample ID: 106024

Report Date: 06/20/07
Collection Date: 05/21/07 15:00
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.003	mg/L		0.001	0.03	E200.8	05/24/07 13:12 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.5	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radon 222	109	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	46.0	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH SO4 TDS	Temp-1 As Se	Uranium	Radionuclides			pH: 7.07 SO4 1503 Temp: 26.2°C	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1500	2L	P	1		X	X	X	X					106034
	Well	L	5/21/07	1500	2L	P	1						X				106034

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	5/21/07	1700	Kurt Zandenatti	5/21/07	1700
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only
Temp: 3.1 °C
Received Chilled: ☒ Yes ☐ No
Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No
Remarks: Onice pucks

*RUSH TURNAROUND REQUIRES SURCHARGE

14

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/21/01

BE Sample #: 104024 Checklist Completed By: K Landmatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106025**
Sample ID:	Well	**Date Received:**	05/21/2007
Date Taken:	05/21/2007	**Time Received:**	17:00
Time Taken:	1516	**Report Date:**	06/29/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	226	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Nitrite-IC	<0.1	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Nitrate-IC	5.0	mg/L	05/22/2007	18:00	0.10	DT	SM 4110B
Sulfate-IC	40.4	mg/L	05/22/2007	18:00	0.50	DT	SM 4110B
Conductivity, specific	1,267	umhos/cm	05/29/2007	14:00	10	DT	EPA 120.1
pH, field	7.05	S.U.	05/21/2007	15:17	N/A	KB	SM 4500-H+ B
Solids, total dissolved	620	mg/L	05/25/2007	19:00	1	DT	EPA 160.1
temperature (field)	25.3	C	05/21/2007	15:17	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	05/30/2007	10:25	0.002	WEW	EPA 206.2
Iron, ICP	<0.01	mg/L	06/28/2007	14:56	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	05/30/2007	10:25	0.003	WEW	EPA 270.2

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	112	0.3	20	86.0	85.0	70 - 130
Nitrite-IC	<0.1	105	5.0	20	105	99.9	70 - 130
Nitrate-IC	<0.1	108	0.0	20	92.0	92.0	70 - 130
Sulfate-IC	<0.5	102	1.5	20	89.6	91.6	70 - 130
Conductivity, specific	N/A	95.6	0.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	104	2.5	20	94.3	96.8	70 - 125
Iron, ICP	<0.01	90.8	2.1	20	85.9	83.8	75 - 125
Selenium, GFAA	<0.003	106	3.2	20	97.5	94.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 7.235.0515 • Fax 307.234.1639 • casper@energ com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07051106-015
Client Sample ID: 106025

Report Date: 06/20/07
Collection Date: 05/21/07 15:16
DateReceived: 05/23/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.006	mg/L		0.001	0.03	E200.8	05/24/07 13:16 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	4.5	pCi/L		1.0	15	E900.0	06/08/07 22:39 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/08/07 22:39 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	05/30/07 15:32 / crw
Radon 222	300	pCi/L		100		D5072-92	05/23/07 22:21 / dpb
Radon 222 precision (±)	48.5	pCi/L				D5072-92	05/23/07 22:21 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Projec	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides		pH: 7.05 Sty	temp: 25.3°C	Lab Sample ID (Lab Use Only)
	Well	L	5/21/07	1516	2L	P	1		X	X	X	X					106025
	Well	L	5/21/07	1516	2L	P	1						X				106025

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	For Lab Use Only	
[signature]	5-4-07	1700	Kurt Zandenatti	5/21/07	1700		Temp: 3.1 °C
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Received Chilled: ☒ Yes ☐ No	Remarks:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No	Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 5/21/07

BE Sample #: 106025 Checklist Completed By: K Tardemalli
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were paired off + preserved

Action taken to correct problem: _____

2713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106749**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	0900	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	120	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	0.8	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	46.9	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,095	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	7.08	S.U.	06/20/2007	09:01	N/A	KB	SM 4500-H+ B
Solids, total dissolved	428	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	24.4	C	06/20/2007	09:01	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	9.6	20	112	101	70 - 130
Sulfate-IC	<0.5	103	12.2	20	80.9	92.6	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-001
Client Sample ID: 106749

Report Date: 07/12/07
Collection Date: 06/20/07 09:00
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	7.1	pCi/L		1.0	15	E900.0	06/30/07 19:33 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	06/30/07 19:33 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 08:55 / crw
Radon 222	106	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	33.0	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.011	mg/L		0.001	0.03	E200.8	06/25/07 16:48 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Projec		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	temp 24.4°C	pH 7.08 @0901		Lab Sample ID (Lab Use Only)
	Well	W	6/20	0900	2L	P	1		X	X	X						106749
	Well	W	1	1	2L, 40ml	P,G	4					X	X				106749

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-07	1641	Kristin Zandmatti	6/20/07	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

#1

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gold Co

Date Received: 6/20/07

BE Sample #: 106749

Checklist Completed By: K Zandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: metals were poured off + preserved.

Action taken to correct problem: _____

2713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106750**
Sample ID:	House Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	0930	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	200	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	23.5	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	82.2	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,364	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.68	S.U.	06/20/2007	09:31	N/A	KB	SM 4500-H+ B
Solids, total dissolved	814	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	24.7	C	06/20/2007	09:31	N/A	KB	EPA 170.1
Arsenic, GFAA	0.010	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	0.005	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-002
Client Sample ID: 106750

Report Date: 07/12/07
Collection Date: 06/20/07 09:30
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	5.5	pCi/L		1.0	15	E900.0	06/30/07 19:33 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	06/30/07 19:33 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 08:55 / crw
Radon 222	106	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	33.0	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.002	mg/L		0.001	0.03	E200.8	06/25/07 16:52 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	temp 24.7°C	pH 6.68 @0931		Lab Sample ID (Lab Use Only)
	House Well	W	6/20	0930	2L	P	1		X	X	X						106750
	House Well	W	1	1	2L 40ml	P,G	4					X	X				106750

Sampler Name: Kevin Barns

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-07	1640	Kristi Zandenatti	6/20/07	1645

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

#2

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. Date Received: 6/20/17

BE Sample #: 106750 Checklist Completed By: K Gardenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT ~~PRESENT~~
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106751**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1005	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	300	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	2.6	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	68.3	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,321	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.71	S.U.	06/20/2007	10:06	N/A	KB	SM 4500-H+ B
Solids, total dissolved	808	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.1	C	06/20/2007	10:06	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	0.005	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-003
Client Sample ID: 106751

Report Date: 07/12/07
Collection Date: 06/20/07 10:05
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	8.8	pCi/L		1.0	15	E900.0	06/30/07 19:33 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	06/30/07 19:33 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 08:55 / crw
Radon 222	185	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	34.1	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.008	mg/L		0.001	0.03	E200.8	06/25/07 16:56 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	Temp 25.1°C	pH 6.71 @1006		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1005	2L	P	1		X	X	X						106751
	Well	W	6/20	1005	2L,4oz	P,G	4					X	X				106751

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-07	1641	Rush Fundinatti	6/20/07	1645

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

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#3

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gilead Co Date Received: 6/20/07

BE Sample #: 106751 Checklist Completed By: [illegible]
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding:
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106752**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1035	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	120	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	0.2	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	73.2	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,052	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.74	S.U.	06/20/2007	10:36	N/A	KB	SM 4500-H+ B
Solids, total dissolved	520	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.1	C	06/20/2007	10:36	N/A	KB	EPA 170.1
Arsenic, GFAA	0.008	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-004
Client Sample ID: 106752

Report Date: 07/12/07
Collection Date: 06/20/07 10:35
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	18.0	pCi/L	*	1.0	15	E900.0	06/30/07 19:34 / res
Gross Alpha precision (±)	0.8	pCi/L				E900.0	06/30/07 19:34 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 08:55 / crw
Radon 222	175	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	45.2	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.024	mg/L		0.001	0.03	E200.8	06/25/07 17:00 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
* - The result exceeds the MCL.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	Temp 25 12	pH 6.74 @1036		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1035	2L	P	1		X	X	X						106752
	Well	W	6/20	1035	2L, 40ml	P,G	4					X	X				106752

Sampler Name: Kevin Burns

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-07	1645	Kristin Fandomatti	6/20/07	1645

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

#4

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Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gilead Co Date Received: 6/20/07

BE Sample #: 104752 Checklist Completed By: K Landmalli
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO ~~* NO VOA VIALS SUBMITTED~~	KZ 6/20
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: metals were poured off + preserved

Action taken to correct problem: _____

ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106753**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1114	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	350	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	4.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	35.8	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,466	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.80	S.U.	06/20/2007	11:15	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,102	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.4	C	06/20/2007	11:15	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	0.007	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-005
Client Sample ID: 106753

Report Date: 07/12/07
Collection Date: 06/20/07 11:14
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.8	pCi/L		1.0	15	E900.0	06/30/07 19:34 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	06/30/07 19:34 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 08:55 / crw
Radon 222	220	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	45.6	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.002	mg/L		0.001	0.03	E200.8	06/25/07 17:04 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-t As Se	Uranium	Radionuclides	Temp 25.4°C	pH 6.20 @ 1115		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1114	2L	P	1		X	X	X						106753
	Well	W	6/20	1114	2L,40ml	P,G	4					X	X				106753

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-17	1642	Kristi Tardinatti	6/20/17	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#5

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. Date Received: 6/20/07

BE Sample #: 106753 Checklist Completed By: K Randomatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	~~NO VOA VIALS SUBMITTED~~ 6/20 KZ
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

2713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106754**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1140	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	315	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	8.4	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	49.1	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,617	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.73	S.U.	06/20/2007	11:15	N/A	KB	SM 4500-H+ B
Solids, total dissolved	21,018	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.8	C	06/20/2007	11:15	N/A	KB	EPA 170.1
Arsenic, GFAA	0.007	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References.
Black, C.A et al (ed) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

ENERGY LABORATORIES INC. • 2393 Salt Creek Highway (82601) • P.O. Bc ^258 • Casper, WY 82602
Toll Free 888.235.0515 • 3 5.0515 • Fax 307.234.1639 • casper@energylab 1 • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-006
Client Sample ID: 106754

Report Date: 07/12/07
Collection Date: 06/20/07 11:40
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.8	pCi/L		1.0	15	E900.0	06/30/07 19:34 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	06/30/07 19:34 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 08:55 / crw
Radon 222	204	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	45.2	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.002	mg/L		0.001	0.03	E200.8	06/25/07 17:08 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond NO2 NO3	pH SO4 TDS	Temp-f As Se	Uranium	Radionuclides	Turb. 35.8 C	pH 6.73 @ 11.41			Lab Sample ID (Lab Use Only)
	Well	W	6/20	1140	2L	P	1		X	X	X							106754
	Well	W	6/20	1140	2L,4L	P,G	4					X	X					106754

Sampler Name: Kevin Burns

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-07	1640	Kristi Fundmatt	6/20/07	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

#6

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad CO

Date Received: 6/20/07

BE Sample #: 106754

Checklist Completed By: K Vandenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: metals were poured off + preserved

Action taken to correct problem: _____

2713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106755**
Sample ID:	Lower Oil Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1205	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	205	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	2.3	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	52.1	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,216	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.95	S.U.	06/20/2007	12:06	N/A	KB	SM 4500-H+ B
Solids, total dissolved	618	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	26.0	C	06/20/2007	12:06	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.03	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black C A et al (ed) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-007
Client Sample ID: 106755

Report Date: 07/12/07
Collection Date: 06/20/07 12:05
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.3	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 08:55 / crw
Radon 222	112	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	43.8	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.003	mg/L		0.001	0.03	E200.8	06/25/07 17:12 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:
Company:	Goliad Co. GW Cons.	Company:
Address:	329 W Franklin	Address:
	Goliad TX 77963	
Contact:	Art Dohmann	Contact:
Phone:	645-1716	Phone:
Fax:	645-1772 gcgcd@goliad.net	Fax:
Project:		PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	Temp 24 hr DC	pH 6.5 @ 12	Lab Sample ID (Lab Use Only)
	Lower Di 1 Well	W	6/20	1205	2L	P	1	x	x	x					106755
	Lower Di 1 Well	W	6/20	1205	2.4L	P.G	4				x	x			106755

Sampler Name: Kevin Barnes

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-26-07	1645	[signature]	6/26	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

#7

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co

Date Received: 6/20/07

BE Sample #: 106 755

Checklist Completed By: K Zandenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals were poured off + preserved

Action taken to correct problem: _____

ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106756**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1234	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	815	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	3.4	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	95.6	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	2,460	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.75	S.U.	06/20/2007	12:35	N/A	KB	SM 4500-H+ B
Solids, total dissolved	2,618	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.1	C	06/20/2007	12:35	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.68	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	0.005	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-008
Client Sample ID: 106756

Report Date: 07/12/07
Collection Date: 06/20/07 12:34
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	14.6	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	1.7	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	414	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	47.7	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.006	mg/L		0.001	0.03	E200.8	06/25/07 17:33 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:
Company:	Goliad Co. GW Cons.	Company:
Address:	329 W Franklin	Address:
	Goliad TX 77963	
Contact:	Art Dohmann	Contact:
Phone:	645-1716	Phone:
Fax:	645-1772 gcgcd@goliad.net	Fax:
Project		PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH S04 TDS	Temp-t As Se	Uranium	Radionuclides	Ra 226, 228	DH 4.75 @ 0.25		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1234	2L	P	1		X	X	X					106756
	Well	W	6/20	1234	2L 4Hm	P,G	4					X	X			1067576 6/21/07

Sampler Name: Kevin Burns

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	6-20-07	1641	Kristi Landrath	6/20/07	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. Date Received: 6/20/07

BE Sample #: 1067524 Checklist Completed By: K Fardenetti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off preserved

Action taken to correct problem: _____

ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106757**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1255	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	74	mg/L	06/29/2007	14:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	21.1	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	932	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	7.00	S.U.	06/20/2007	12:56	N/A	KB	SM 4500-H+ B
Solids, total dissolved	456	mg/L	06/25/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.2	C	06/20/2007	12:56	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.03	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	100	4.9	20	100	105	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A et al (ed) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 30 5.0515 • Fax 307.234.1639 • casper@energylab • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-009
Client Sample ID: 106757

Report Date: 07/12/07
Collection Date: 06/20/07 12:55
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	1.5	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	157	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	44.2	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	ND	mg/L		0.001	0.03	E200.8	06/25/07 17:37 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	temp. 25.2°C	pH 7.00 @ 1756		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1255	2L	P	1		X	X	X						106757
	Well	W	6/20	1255	2L, 40ml	P.G	4					X	X				106757

Sampler Name: Kevin Burns

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-26-07	1645	Kristin Fardmatti	6/20/07	1645

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#9

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. Date Received: 6/20/07

BE Sample #: 106757 Checklist Completed By: K Tardinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were poured off + preserved

Action taken to correct problem: _____

2713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106758**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1350	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	165	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	45.9	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,251	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.75	S.U.	06/20/2007	13:51	N/A	KB	SM 4500-H+ B
Solids, total dissolved	744	mg/L	06/27/2007	12:15	1	DT	EPA 160.1
temperature (field)	25.1	C	06/20/2007	13:51	N/A	KB	EPA 170.1
Arsenic, GFAA	0.011	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	0.006	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.1	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-010
Client Sample ID: 106758

Report Date: 07/12/07
Collection Date: 06/20/07 13:50
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.5	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	170	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	44.1	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.002	mg/L		0.001	0.03	E200.8	06/25/07 17:42 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	temp 25.1°C	pH 6.75 @ 1351		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1350	2L	P	1		X	X	X						106758
	Well	W	6/20	1350	2L,40m	P,G	4					X	X				106758

Sampler Name: Kevin Burns

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-27	1642	Kevin Fundmatin	6/20/07	1645

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#10

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Grad Co

Date Received: 6/20/07

BE Sample #: 106758

Checklist Completed By: K Fandenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals were poured to preserved

Action taken to correct problem: _____

2713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106759**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1410	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	120	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	11.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	35.3	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,088	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.80	S.U.	06/20/2007	14:11	N/A	KB	SM 4500-H+ B
Solids, total dissolved	628	mg/L	06/27/2007	12:15	1	DT	EPA 160.1
temperature (field)	24.9	C	06/20/2007	14:11	N/A	KB	EPA 170.1
Arsenic, GFAA	0.006	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.15	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.1	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References.
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-011
Client Sample ID: 106759

Report Date: 07/12/07
Collection Date: 06/20/07 14:10
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.8	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.8	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	140	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	43.6	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.001	mg/L		0.001	0.03	E200.8	06/25/07 17:58 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	Temp 24.9C	pH 6.80 @ 1411		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1410	2L	P	1		X	X	X						106759
	Well	W	6/20	1410	2L,4oz	P,G	4					X	X				106759

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-07	1641	Kristin Zandinatti	6/20/07	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

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#11

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co

Date Received: 6/20/07

BE Sample #: 106759

Checklist Completed By: [signature]
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals were poured off + preserved

Action taken to correct problem: _____

2713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106760**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1425	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	82	mg/L	06/29/2007	14:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	10.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	21.0	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	961	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.77	S.U.	06/20/2007	14:26	N/A	KB	SM 4500-H+ B
Solids, total dissolved	510	mg/L	06/27/2007	12:15	1	DT	EPA 160.1
temperature (field)	26.0	C	06/20/2007	14:26	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.06	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	100	4.9	20	100	105	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.1	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-012
Client Sample ID: 106760

Report Date: 07/12/07
Collection Date: 06/20/07 14:25
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.6	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	155	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	43.7	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.004	mg/L		0.001	0.03	E200.8	06/25/07 18:19 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Page ____ of ____

Environmental Testing Laboratory

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	Temp 26.0°C	pH 6.77 @ 1426		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1425	2L	P	1		X	X	X						106760
	Well	W	6/20	1425	2L, 4oz	P, G	4					X	X				106760

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6/20/07	1640	Kristi Zandmatti	6/20/07	1645

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#12

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad CO

Date Received: 6/20/07

BE Sample #: 106760

Checklist Completed By: [signature]
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals were sorted off + preserved

Action taken to correct problem: _____

ENVIRONMENTAL
Victoria, TX 77901
!713 Houston Hwy.
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106761**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1438	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	100	mg/L	06/29/2007	14:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	6.7	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	19.5	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	973	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.94	S.U.	06/20/2007	14:39	N/A	KB	SM 4500-H+ B
Solids, total dissolved	534	mg/L	06/27/2007	12:15	1	DT	EPA 160.1
temperature (field)	25.1	C	06/20/2007	14:39	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	100	4.9	20	100	105	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.1	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-013
Client Sample ID: 106761

Report Date: 07/12/07
Collection Date: 06/20/07 14:38
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.2	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	170	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	43.9	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.003	mg/L		0.001	0.03	E200.8	06/25/07 18:23 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH SO4 TDS	Temp-1 As Se	Uranium	Radionuclides	Temp 25.1°C	pH 6.94 @ 14.4	Lab Sample ID (Lab Use Only)
	Well	W	6/20	1438	2L	P	1	X	X	X					106761
	Well	W	6/20	1438	2,4 Am	P.G	4				X	X			106761

Sampler Name: Kevin Barnes

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6/20/07	1641	Kurt Randlmatte	6/20/07	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Remarks: Chilled

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

#13

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co

Date Received: 6/20/07

BE Sample #: 1067461

Checklist Completed By: [signature]
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals vereporned off preserved

Action taken to correct problem: _____

713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106762**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1525	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	155	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	5.4	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	16.9	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,020	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.78	S.U.	06/20/2007	15:26	N/A	KB	SM 4500-H+ B
Solids, total dissolved	604	mg/L	06/27/2007	12:15	1	DT	EPA 160.1
temperature (field)	25.4	C	06/20/2007	15:26	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.1	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-014
Client Sample ID: 106762

Report Date: 07/12/07
Collection Date: 06/20/07 15:25
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	1.5	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	198	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	44.0	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.002	mg/L		0.001	0.03	E200.8	06/25/07 18:27 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond NO2 NO3	pH SO4 TDS	Temp-t As Se	Uranium	Radionuclides	Xuw 24,42	pH 6.8 @ 15	Lab Sample ID (Lab Use Only)
	well	W	6/20	1525	2L	P	1	X	X	X					106767
	well	W	6/20	1525	2L,40m	P,G	4				X	X			106767

Sampler Name: Kevin Burros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-07	1645	[signature]	6/20/07	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

HILL

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co

Date Received: 10/20/07

BE Sample #: 1067162

Checklist Completed By: [signature]
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: metals were poured off + preserved

Action taken to correct problem: _____

713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106763**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1545	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	69	mg/L	06/29/2007	14:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	10.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	19.7	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	864	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.98	S.U.	06/20/2007	16:45	N/A	KB	SM 4500-H+ B
Solids, total dissolved	460	mg/L	06/27/2007	12:15	1	DT	EPA 160.1
temperature (field)	25.1	C	06/20/2007	16:45	N/A	KB	EPA 170.1
Arsenic, GFAA	0.006	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.01	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	100	4.9	20	100	105	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.1	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-015
Client Sample ID: 106763

Report Date: 07/12/07
Collection Date: 06/20/07 15:45
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.7	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	168	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	43.5	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.002	mg/L		0.001	0.03	E200.8	06/25/07 18:31 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	Temp 25.1	pH 6.68 @ 16.12		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1611	2L	P	1		X	X	X						106764
	Well	W	6/20	1611	2L 4oz	P.G	4					X	X				106764

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-07	1641	Kush Landmatti	6/20/07	1645

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#16

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Golrad Co

Date Received: 6/20/07

BE Sample #: 106764

Checklist Completed By: K Fardenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals were poured off + preserved

Action taken to correct problem: _____

713 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**106764**
Sample ID:	Well	**Date Received:**	06/20/2007
Date Taken:	06/20/2007	**Time Received:**	16:45
Time Taken:	1611	**Report Date:**	07/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	150	mg/L	06/29/2007	12:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Nitrate-N-IC	9.1	mg/L	06/25/2007	13:00	0.10	DT	SM 4110B
Sulfate-IC	46.9	mg/L	06/25/2007	13:00	0.50	DT	SM 4110B
Conductivity, specific	1,179	umhos/cm	06/25/2007	10:30	10	DT	EPA 120.1
pH, field	6.68	S.U.	06/20/2007	16:12	N/A	KB	SM 4500-H+ B
Solids, total dissolved	598	mg/L	06/27/2007	12:15	1	DT	EPA 160.1
temperature (field)	25.1	C	06/20/2007	16:12	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	07/03/2007	10:05	0.002	WEW	SM 3113 B
Iron, ICP	0.02	mg/L	07/03/2007	12:48	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	07/02/2007	12:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<5.0	100	14.3	20	110	N/A	70 - 130
Nitrite-N-IC	<0.1	106	10.9	20	116	104	70 - 130
Nitrate-N-IC	<0.1	105	10.5	20	120	95.0	70 - 130
Sulfate-IC	<0.5	103	0.0	20	85.7	85.7	70 - 130
Conductivity, specific	N/A	101	1.8	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.1	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	100	3.0	20	102	105	70 - 125
Iron, ICP	<0.01	110	1.0	20	103	104	75 - 125
Selenium, GFAA	<0.003	103	0.2	20	87.8	88.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U S Department of Agriculture Handbook No. 60

ENERGY LABORATORIES
ENERGY LABORATORI INC. • 2393 Salt Creek Highway (82601) • P.O. Box 2258 • Casper, WY 82602
Toll Free 888.235.0515 • 30 5.0515 • Fax 307.234.1639 • casper@energylab • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07060984-016
Client Sample ID: 106764

Report Date: 07/12/07
Collection Date: 06/20/07 16:11
DateReceived: 06/22/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.6	pCi/L		1.0	15	E900.0	07/02/07 01:35 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/02/07 01:35 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	07/04/07 10:16 / crw
Radon 222	271	pCi/L		100		D5072-92	06/22/07 01:02 / dmf
Radon 222 precision (±)	44.7	pCi/L				D5072-92	06/22/07 01:02 / dmf
Uranium	0.002	mg/L		0.001	0.03	E200.8	06/25/07 18:36 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	Temp 25.1	pH 6.98 @1546		Lab Sample ID (Lab Use Only)
	Well	W	6/20	1545	2L	P	1		X	X	X						106763
	Well	W	6/20	1545	2L, 40ml	P,G	4					X	X				106763

Sampler Name: Kevin Burns

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	6-20-27	1640	[signature]	6/20/27	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: ____ °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Chilled

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#15

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co

Date Received: 6/20/07

BE Sample #: 1067603

Checklist Completed By: [signature]
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metal

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: metals were poured off + preserved

Action taken to correct problem: _____

GBRA

GUADALUPE-BLANCO RIVER AUTHORITY

Laboratory Results

Sample Number: 162359

Customer ID:	423844
Sample Description:	#1
Sample Time Receipt:	14:58:
Sample Date Receipt:	7/27/2007
Sample Time Collected:	12:40:
Sample Date Collected:	7/27/2007
Delivery Method:	Personnel, Hand Delivery
Preservative Method:	Nitric and Ice
TCEQ Site ID:	

Please refer to the sample number if your have any questions. The following results and other information are provided for compliance with 40 CFR 131, 141 and 143 as Amended.

LEGEND:

MAL	Minimum Analytical Limit	**mg/L**	milligrams per Liter
PQL	Practical Quantitation Limit	**ug/L**	micrograms per Liter
MDL	Method Detection Limit	**SU**	Standard Units
%RPD	Relative Percent Difference	**NTU**	Nephelometric Turbidity Units
EPA	Environmental Protection Agency	**C**	Celsius
%REC	Percent Recovery of Known Standard	**CFS**	Cubic Feet per Second
TCEQ	Texas Commission on Environmental Quality	**POS**	Positive
CFR	Code of Federal Regulations	**NEG**	Negative
MPN	Most Probable Number	**CFU**	Colony Forming Units
SM	Standard Methods for the Examination of Water and Wastewater 20th ed. 1998	**umhos/cm**	microhms per centimeter

CUSTOMER ID# 425044

Sample Description: #1

Sample Number: 162359

Parameter / Test Date/Time	Date/Time Read	Result	Reference	MDL	MAL	PQL	% RPD	% REC	Analyst
URANIUM								GBRA Test Code:	229
8/5/2007 14:19		0.00389 mg/L	EPA 200.8						AA
Comment: ANALYSIS AT ANA-LAB									
ARSENIC,TOTAL GFAA								GBRA Test Code:	292
8/5/2007 14:19		8.94 ug/L	SM3113B	0.7 ug/L	2.0 ug/L	3.1 ug/L			AA
Comment: ANALYSIS AT ANA-LAB									

Josephine Longan

Laboratory Director

MCL for Uranium = 30 ug/l ; however MCLG = Ø ug/l.

well test = .00389 mg/l ; result = safe

MCL for arsenic = .010 mg/l or 10 ug/l

well test = 8.94 ug/L or .00894 mg/L ; result - safe

no radioactivity detected

1 ugL = 1/1000 mg/L

1 ug/L (microgram per Liter) = $\frac{1 \text{ mg/L}}{1000}$ (miligrams per Liter)

1 ugL = .0001 mg/L

Laboratory Results

Sample Number: 162360

GBRA

GUADALUPE-BLANCO RIVER AUTHORITY

Customer ID:	423844
Sample Description:	#2
Sample Time Receipt:	14:58:
Sample Date Receipt:	7/27/2007
Sample Time Collected:	12:41:
Sample Date Collected:	7/27/2007
Delivery Method:	Personnel, Hand Delivery
Preservative Method:	Nitric and Ice
TCEQ Site ID:	

Please refer to the sample number if your have any questions. The following results and other information are provided for compliance with 40 CFR 131, 141 and 143 as Amended.

WILLIAM V. HILL

3208 BENT BOW DR
SAN ANTONIO, TX 7820 TX 78209

LEGEND:

MAL	Minimum Analytical Limit	**mg/L**	milligrams per Liter
PQL	Practical Quantitation Limit	**ug/L**	micrograms per Liter
MDL	Method Detection Limit	**SU**	Standard Units
%RPD	Relative Percent Difference	**NTU**	Nephelometric Turbidity Units
EPA	Environmental Protection Agency	**C**	Celsius
%REC	Percent Recovery of Known Standard	**CFS**	Cubic Feet per Second
TCEQ	Texas Commission on Environmental Quality	**POS**	Positive
CFR	Code of Federal Regulations	**NEG**	Negative
MPN	Most Probable Number	**CFU**	Colony Forming Units
SM	Standard Methods for the Examination of Water and Wastewater 20th ed. 1998	**umhos/cm**	microhms per centimeter

CUSTOMER ID# 423844

Sample Description: #2

Sample Number: 162360

Parameter / Test Date/Time	Date/Time Read	Result	Reference	MDL	MAL	PQL	% RPD	% REC	Analyst
CHROMIUM TOT GFAA								GBRA Test Code:	287
8/7/2007 09:57		**2.81 ug/L**	SM3113B	0.38 ug/L	1.0 ug/L	1.54 ug/L			AA
Comment: ANALYSIS AT ANA-LAB									
CADMIUM TOT GFAA								GBRA Test Code:	282
8/3/2007 20:43		**ND ug/L**	SM3113B	0.34 ug/L	0.20 ug/L	1.36 ug/L			AA
Comment: ANALYSIS AT ANA-LAB									

Josephine Lozano

Laboratory Director

MCL for chromium = .1 mg/L or 100 ug/l

well test = .38 ug/l ; result - Safe

MCL for Cadmium = .005 mg/l or 5 ug/l

well test = not detected ; result - Safe

CUSTOMER ID# 425844

Chain of Custody

GBRA
GUADALUPE-BLANCO RIVER AUTHORITY

Guadalupe-Blanco River Authority - Regional Laboratory
933 E. Court Street • Seguin, Texas 78155
(830) 379-5822 • Fax: (830) 401-0991

Account #: _____

Customer Information
Name: GBRL
Adress: _____
Phone # _____
Cell #: _____
Fax #: _____
Email: _____

Sample Collected By: _____ Signature _____ Printed Name

Temp C°	Date Collected	Time Collected	Matrix	Sx Vol.	Sample Name/ Description	TCEQ I.D. #	Grab/ Comp.	Analysis Requested	GBRA Sample I.D.	Bottle I.D. #	pH	Ship To
	7/27/07	1240	well water	1L	162359 C1			As, Uranium	[illegible]			AA
	7/27/07	1241	well water	1L	162360 C1			Cd, Cr	[illegible]			AA
					003262 ☑ 003233 ☐ ☐							

Delivered By: Emmylou Gutierrez Date/Time: 8/1/07 by 1700 Received By: Lonestar Christi Parker Ana-Lab Date/Time: 8/1/07 by 1700

Delivered By: Lonestar Date/Time: 8/2/07 0845 Received By: Christi Parker by ind Date/Time: 8/2/07 0845

** Special Notes: TX# - 40262907

Condition of Container(s), (intact) Good Preservation: HNO_3 (acidified, etc.)

Ice: y (y/n) Number of Containers: 2 Date/Time of Preservation: See above

entered by: _____
date: _____

05/07

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

NELAP-accredited #02008

ANA-LAB CORP. THE COMPLETE SERVICE LAB

365387 CoC Print Group 001 of 001

Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662
Central TX Region: 8101 Cameron Rd #306 Austin TX 78754

ACCREDITED ISO-17025 # 0637-01

NELAP-accredited #02008

MEMBER ACIL 2006 Seal of Excellence

LDSClient v2.0 15 08/02/2007
www.ana-lab.com
Form Created 6/22/2004 v1.1

CUSTOMER ID# 423844

Airbill No. 40262907

WWW.LSO.COM
Questions? Call 800-800-8984

40262907

Lone Star Express Overnight

1. To: Company Name: ANA LAB CORP; Street Address (No P.O. Box or P.O. Box Zip Code Delivery): 2600 DUDLEY RD; Suite / Floor; City: KILGORE; State: TX; Zip: 75662; Phone (Important): 903-984-0551

2. From: Print Name (Person): JOSHUA LONGOR; Phone (Important): 830-379-5822; Company Name: GRA; Street Address: 933 EAST COURT STREET; Suite / Floor; City: SEGUIN; State: TX; Zip: 78155

3. Service:
- ☑ By 10:30am Delivery (Must to select zip codes.)
- ☐ By 8:30am Delivery (Most Cities) (Extra Charge, No Signature Obtained)
- ☐ Saturday Delivery - By 12 Noon (Extra Charge)
- ☐ Other _____
- ☐ Deliver Without Delivery Signature (See Limits of Liability below)

4. Packages: Weight; Type: Company's Other Delivery Information; Ship Date: (mm/dd/yy) / /

FOR COURIER USE ONLY
Courier Number: 2126
Pick-up Location: 2C
Date: 5/31/11
Time:
City Code:

Release Signature _____

LIMIT OF LIABILITY: We are not responsible for claims in excess of $100 for any reason (takes you: 1) declare a greater value (not to exceed $50,000); 2) pay an additional fee; 3) and document your actual loss in a timely manner. We will not pay any claim in excess of the actual loss. We are not liable for any special or consequential damages. Adverse limitations of liability are contained in our current Service Guide. If you ask us to deliver a package without obtaining a delivery signature, you release us of all liability for claims resulting from such service. NO DELIVERY SIGNATURE WILL BE OBTAINED FOR 8:30 AM DELIVERIES AND RESIDENTIAL DELIVERIES. DELIVERY COMMITMENTS MAY VARY. ADDITIONAL FEES MAY APPLY.

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QC Groups

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Project 365387

		Test	QCgroup	Analyzed	
		301L	238553	08/03/2007	
		301L	238553	08/03/2007	
001863	Metals: ICP/MS #2			Agilent/Hewlett Packard 7500	JP13200436
		*AlM	238615	08/03/2007	
		*AlM	238699	08/05/2007	
		*AlM	238891	08/07/2007	

CUSTOMER ID # 423844

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Holding Time Compliance

Printed 08/09/2007

Project 965387

Report To

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Name	Method	Received	Analyzed	Hold	Elapsed
933531	Taken: 7/27/07 12:40				
Arsenic	EPA 6020	08/02/2007	8/5/07 14:19	180.00	9.00
Liquid Metals Digestion	EPA 3010B	08/02/2007	8/3/07 11:30	180.00	6.00
Uranium	EPA 6020	08/02/2007	8/5/07 14:19	180.00	9.00
933532	Taken: 7/27/07 12:41				
Liquid Metals Digestion	EPA 3010B	08/02/2007	8/3/07 11:30	180.00	6.00
Cadmium	EPA 6020	08/02/2007	8/3/07 20:43	180.00	7.00
Chromium	EPA 6020	08/02/2007	8/7/07 9:57	180.00	10.00

CUSTOMER ID# 423844

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ANA-LAB CORP.
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Cooler Review

Printed 08/09/2007

Report To

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Project 365387

Receipt	Cooler	Air Bill	Date Recvd	By
01651116	007321	GBRL, 8/2/07, LSO40262907	08/02/2007	AAJ

1. Was the cooler received intact and sealed? If no, notify client.	Yes
2. Was the cooler screened following the Radiochemistry survey procedure?	Yes
2a. Was the survey result negative? If no, notify the client.	Yes
2b. Are any of the samples identified by the client as radioactive?	No
2c. If radioactive, did the client provide RAD Activity	N/A
3. Were chain of custody documents included?	Yes
4. Was the cooler temperature checked?	Yes
5. Was cooler temperature within specifications (less than or equal to 6 C)?	Yes
6. Is temperature documented on the Chain of Custody?	Yes
7. Lab has resources for these services (testing capability, availablepersonnel, and can meet requested TAT). If no, notify client.	Yes
8. Cooler Seal Attached	N/R
9. Other Comments	N/A

N/R: Not Reviewed N/A: Not Applicable * Out

CUSTOMER ID# 423844

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Bottle Review

Report To

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Project 365387

Receipt	Cooler	Air Bill	Received	By
007321	01651116	GBRL, 8/2/07, LSO40262907	08/02/2007	AAJ

Sample	Bottle	Barcode	Description
933531	*01*	*16584354*	***HNO3 to pH <2 Polyethylene 1000 mL for Metals***

1.Was the sample container properly labeled?	Yes
2. Was the proper sample container type received?	Yes
3. Does the bottle label indicate that proper chemical preservatives were added if required?	Yes
3a. If preserved was the sample bottle (except VOC Vials, 1005 Vials and FC bottles) at the proper pH?	Yes
3b. If no, was the sample's pH adjusted (except VOC Vials, 1005 Vials & FC Bottles) and the changes in pH ?	N/A
4. If the bottle was a VOC vial, was it free of headspace?	N/A
5. Was the bottle received intact?	Yes
6. Was the sample received within holding time? If no, notify the client.	Yes
7. Was the chain of custody documents completed correctly? (Ink, signed, matches container)	Yes
8. Bottle Seals Attached	N/R

933532	*01*	*16584355*	***HNO3 to pH <2 Polyethylene 1000 mL for Metals***

1.Was the sample container properly labeled?	Yes
2. Was the proper sample container type received?	Yes
3. Does the bottle label indicate that proper chemical preservatives were added if required?	Yes
3a. If preserved was the sample bottle (except VOC Vials, 1005 Vials and FC bottles) at the proper pH?	Yes
3b. If no, was the sample's pH adjusted (except VOC Vials, 1005 Vials & FC Bottles) and the changes in pH ?	N/A
4. If the bottle was a VOC vial, was it free of headspace?	N/A
5. Was the bottle received intact?	Yes
6. Was the sample received within holding time? If no, notify the client.	Yes

CUSTOMER ID# 423844

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Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com NELAP-accredited #02008

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Bottle Review

Report To

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Project 365387

Receipt	Cooler	Air Bill	Received	By
007321	01651116	GBRL, 8/2/07, LSO40262907	08/02/2007	AAJ

Sample	Bottle	Barcode	Description

7. Was the chain of custody documents completed correctly? (Ink, signed, matches container)	Yes
8. Bottle Seals Attached	N/R

N/R: Not Reviewed N/A: Not Applicable * Out

CUSTOMER ID# 423844

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Sample Preparation

08/09/2007 Page 1 of 1

Report To
Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Project

365387

Default project: 933531

Prep Set # **238553** 08/03/2007

Analytical Set # **238615** **EPA 6020** 08/03/2007

Sample	Sample ID	Bottle
933532	162360 C1	02
933531	162359 C1	02
933532	162360 C1	02

CUSTOMER ID# 423844

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Sample Cross Reference

Report To

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Project 365387

Sample	Sample ID	Taken	Time		Received	
933531	*162359 C1*	07/27/2007	1240		08/02/2007	
	Method	**Bottle**	**PrepSet**	**Preparation**	**QcGroup**	**Analytical**

Bottle 01 HNO3 to pH <2 Polyethylene 1000 mL for Metals
Bottle 02 Prepared Bottle: ICP Preparation for Metals (Batch 238553) Volume: 50.00 mL <== Derived from 01 (50.0 mL)
Bottle 03 Prepared Bottle: ICP Preparation for Metals (Batch 238553) Volume: 50.00 mL <== Derived from 01 (50.0 mL)
Bottle 04 Prepared Bottle: ICP Preparation for Metals (Batch 238553) Volume: 50.00 mL <== Derived from 01 (50.0 mL)

	EPA 6020	02	238553	08/03/2007	238699	08/05/2007

933532	*162360 C1*	07/27/2007	1241		08/02/2007	
	Method	**Bottle**	**PrepSet**	**Preparation**	**QcGroup**	**Analytical**

Bottle 01 HNO3 to pH <2 Polyethylene 1000 mL for Metals
Bottle 02 Prepared Bottle: ICP Preparation for Metals (Batch 238553) Volume: 50.00 mL <== Derived from 01 (50.0 mL)

	EPA 6020	02	238553	08/03/2007	238615	08/03/2007
	EPA 6020	02	238553	08/03/2007	238891	08/07/2007

CUSTOMER ID#423844

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Project 365387

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Results for Client GBRL

Accredited	Parameter	Results	Units	RL	Flags	CAS	Bottle
933531	**162359 C1**					*Received:*	08/02/2007
	Liquid Aqueous	*Collected by:* Client		*Affiliation:*	Guadalupe-Blanco Riv	07/27/2007	1240
	EPA 6020		*Analyzed:*	*WOB*	*08/05/2007*	*1419*	*QCgroup* *238699*
AN	**Arsenic**	**8.94**	**ug/L**	2.00		7440-38-2	02
	Uranium	**0.00389**	**mg/L**	0.0100	J		02
933532	**162360 C1**					*Received:*	08/02/2007
	Liquid Aqueous	*Collected by:* Client		*Affiliation:*	Guadalupe-Blanco Riv	07/27/2007	1241
	EPA 6020		*Analyzed:*	*HVM*	*08/03/2007*	*2043*	*QCgroup* *238615*
AN	**Cadmium**	**ND**	**ug/L**	1.00		7440-43-9	02
	EPA 6020		*Analyzed:*	*WOB*	*08/07/2007*	*957*	*QCgroup* *238891*
AN	**Chromium**	**2.81**	**ug/L**	1.00		7440-47-3	02

Sample Preparation

933531	**162359 C1**					*Received:*	08/02/2007
			Analyzed:	*AAJ*	*08/02/2007*	*2124*	
	Bottle pH	**<2**	**SU**				01
	Bottle Temperature on Receipt	**14**	**Degrees C**				01
	EPA 3010B		*Analyzed:*	*TES*	*08/03/2007*	*1130*	*QCgroup* *238553*
AN	**Liquid Metals Digestion**	**50/50 A/S/S**	**mL/mL**				01
933532	**162360 C1**					*Received:*	08/02/2007
			Analyzed:	*AAJ*	*08/02/2007*	*2125*	
	Bottle pH	**<2**	**SU**				01
	Bottle Temperature on Receipt	**13**	**Degrees C**				01
	EPA 3010B		*Analyzed:*	*TES*	*08/03/2007*	*1130*	*QCgroup* *238553*
AN	**Liquid Metals Digestion**	**50/50**	**mL/mL**				01

CUSTOMER ID# 423844

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com NELAP-accredited #02008

ANA-LAB CORP.® THE COMPLETE SERVICE LAB

Project 365387

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Qualifiers:

E - Estimated Value
B - Analyte detected in the associated method blank
! - Lab MDL > Target
J - Analyte detected below quantitation limit
S - Standard reads lower than desired
P - Spike recovery outside control limits due to matrix affects
D - Duplicate precision outside our control limits due to matrix

We report results on an 'As Received' or wet basis unless marked 'Dry Weight'. Unless otherwise noted, testing was performed at Ana-lab's corporate laboratory that holds the following Federal and State certificates: Texas Department of Health Lead Firm Certificate 2110076, EPA National Lead Laboratory Accreditation Program #637.01, US Department of Agriculture Soil Import Permit S-37592, Texas Commisson on Environmental Quality Drinking Water Laboratory Certificate TX219, Texas Commission on Environmental Quality NELAP T104704201-06-TX, Oklahoma Department of Environmental Quality Drinking Water Certification Lab ID# D9913, EPA Lab Number TX00063, USEPA Approved Perchlorate Testing Lab, Oklahoma Department of Environmental Quality Laboratory Certificate 8125, Arkansas Department of Environmental Quality Certification#03-070-0, Louisiana Department of Environmental Quality Laboratory Certification (NELAP, LELAP) #02008, Louisiana Department of Health and Hospitals Drinking Water(NELAP) # LA030020, US Department of Energy Approved, State of Kansas Department of Health and Environment Waste Water and Solid/Hazardous Waste Cert. E-10365, Alabama Department of Environmental Management Drinking Water#41540. Ana-Lab is also accredited to the international ISO-17025 standard by the American Association for Laboratory Accreditation(A2LA Certificate # 0637-01). The Accredited column designates accreditation by A -- A2LA, N -- NELAC, or z -- not covered under A2LA or NELAC scope of accreditation.

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of Ana-Lab Corp. Unless otherwise specified, these test results meet the requirements of NELAC.
RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number.

C. H. Whiteside

C. H. Whiteside, Ph.D., President

Ethics Service Quality Environmental ACIL 2005 Seal of Excellence Program

CUSTOMER ID 423844

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ANA-LAB CORP.® THE COMPLETE SERVICE LAB

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Project [redacted]

Quality Control

238615 M Liquid Aqueous EPA 6020

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	Out	File
Arsenic	238553	ND	0.707	2.00	ug/L		0003510804
Cadmium	238553	ND	0.216	1.00	ug/L		0003510804
Chromium	238553	0.380	0.314	1.00	ug/L		0003510804

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Cadmium	295	300	ug/L	98.3	90.0 - 110		0003510823
Cadmium	296	300	ug/L	98.7	90.0 - 110		0003510812
Cadmium	297	300	ug/L	99.0	90.0 - 110		0003510840
Cadmium	297	300	ug/L	99.0	90.0 - 110		0003510851
Cadmium	299	300	ug/L	99.7	90.0 - 110		0003510803
Cadmium	300	300	ug/L	100	90.0 - 110		0003510861
Cadmium	301	300	ug/L	100	90.0 - 110		0003510833

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Cadmium	100	100	ug/L	100	90.0 - 110		0003510798

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Arsenic	238553	515	500	ug/L	103	85.0 - 115	0003510805	
Cadmium	238553	251	250	ug/L	100	85.0 - 115	0003510805	
Chromium	238553	525	500	ug/L	105	85.0 - 115	0003510805	

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Arsenic	238553	515	528	500	85.0 - 115	103	106	ug/L	2.87	20.0
Cadmium	238553	251	252	250	85.0 - 115	100	101	ug/L	0.995	20.0
Chromium	238553	525	525	500	85.0 - 115	105	105	ug/L	0	20.0

MS

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Cadmium	933007	253	252	0.290	250	70.0 - 130	101	101	ug/L	0	30.0
Chromium	933007	544	527	1.67	500	70.0 - 130	108	105	ug/L	2.82	30.0
Arsenic	933531	520	522	7.49	500	70.0 - 130	103	103	ug/L	0	30.0

238699 M Liquid Aqueous EPA 6020

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	Out	File
Arsenic	238699	ND	0.707	2.00	ug/L		0003512168
Arsenic	238553	ND	0.707	2.00	ug/L		0003512184

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Report To

Josephine Longoria
Guadalupe-Blanco River Authori
Regional Laboratory
933 E. Court St
Seguin, TX 78155-5819

Project [redacted]

Quality Control

238699 M Liquid Aqueous EPA 6020

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	Out	File
Cadmium	238553	ND	0.216	1.00	ug/L		0003512184
Chromium	238553	ND	0.314	1.00	ug/L		0003512184
Uranium	238553	ND	0.199	10.0	ug/L		0003512184

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Arsenic	301	300	ug/L	100	90.0 - 110		0003512173
Arsenic	301	300	ug/L	100	90.0 - 110		0003512183
Arsenic	302	300	ug/L	101	90.0 - 110		0003512191
Arsenic	303	300	ug/L	101	90.0 - 110		0003512166
Uranium	304	300	ug/L	101	90.0 - 110		0003512183
Uranium	304	300	ug/L	101	90.0 - 110		0003512191

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Arsenic	99.0	100	ug/L	99.0	90.0 - 110		0003512165
Uranium	90.6	100	ug/L	90.6	90.0 - 110		0003512165

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Arsenic	238553	538	500	ug/L	108	85.0 - 115	0003512185	
Cadmium	238553	260	250	ug/L	104	85.0 - 115	0003512185	
Chromium	238553	535	500	ug/L	107	85.0 - 115	0003512185	
Uranium	238553	509	500	ug/L	102	85.0 - 115	0003512185	

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Arsenic	238553	538	526	500	85.0 - 115	108	105	ug/L	2.82	20.0
Cadmium	238553	260	258	250	85.0 - 115	104	103	ug/L	0.966	20.0
Chromium	238553	535	523	500	85.0 - 115	107	105	ug/L	1.89	20.0
Uranium	238553	509	501	500	85.0 - 115	102	100	ug/L	1.98	20.0

MS

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Arsenic	933531	513	516	8.94	500	70.0 - 130	101	101	ug/L	0	30.0
Cadmium	933531	242	242	0.220	250	70.0 - 130	96.7	96.7	ug/L	0	30.0
Chromium	933531	500	499	2.87	500	70.0 - 130	99.4	99.2	ug/L	0.201	30.0
Uranium	933531	496	498	3.89	500	70.0 - 130	98.4	98.8	ug/L	0.406	14.0
Arsenic	933832	496	502	ND	500	70.0 - 130	99.2	100	ug/L	0.803	30.0

238891 M Liquid Aqueous EPA 6020

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Project

Quality Control

238891 M Liquid Aqueous EPA 6020

AWRL

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Chromium	1.11	1.00	ug/L	111	75.0 - 125		0003514967

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	Out	File
Arsenic	238553	ND	0.707	2.00	ug/L		0003514968
Cadmium	238553	ND	0.216	1.00	ug/L		0003514968
Chromium	238553	0.730	0.314	1.00	ug/L		0003514968
Uranium	238553	ND	0.199	10.0	ug/L		0003514968

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Chromium	297	300	ug/L	99.0	90.0 - 110		0003514970
Chromium	298	300	ug/L	99.3	90.0 - 110		0003514977
Chromium	298	300	ug/L	99.3	90.0 - 110		0003514978
Chromium	304	300	ug/L	101	90.0 - 110		0003514966

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Chromium	103	100	ug/L	103	90.0 - 110		0003514965

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Arsenic	238553	541	500	ug/L	108	85.0 - 115	0003514969	
Cadmium	238553	256	250	ug/L	102	85.0 - 115	0003514969	
Chromium	238553	514	500	ug/L	103	85.0 - 115	0003514969	
Uranium	238553	474	500	ug/L	94.8	85.0 - 115	0003514969	

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Arsenic	238553	541	546	500	85.0 - 115	108	109	ug/L	0.922	20.0
Cadmium	238553	256	262	250	85.0 - 115	102	105	ug/L	2.90	20.0
Chromium	238553	514	520	500	85.0 - 115	103	104	ug/L	0.966	20.0
Uranium	238553	474	492	500	85.0 - 115	94.8	98.4	ug/L	3.73	20.0

MS

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Arsenic	933531	540	533	8.84	500	70.0 - 130	106	105	ug/L	0.948	30.0
Cadmium	933531	244	245	ND	250	70.0 - 130	97.6	98.0	ug/L	0.409	30.0
Chromium	933531	503	495	3.10	500	70.0 - 130	100	98.4	ug/L	1.61	30.0
Uranium	933531	482	488	3.40	500	70.0 - 130	95.7	96.9	ug/L	1.25	14.0

RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100%

Recover% is Recovery Percent: result / known * 100%

2713 Houston Hwy.
B ENVIRONMENTA.
Victoria, TX 77901
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107757**
Sample ID:	Well	**Date Received:**	07/30/2007
Date Taken:	07/30/2007	**Time Received:**	14:45
Time Taken:	0915	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	118	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/31/2007	16:50	0.03	DT	SM 4110B
Nitrate-N-IC	0.22	mg/L	07/31/2007	16:50	0.02	DT	SM 4110B
Sulfate-IC	42.8	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Conductivity, specific	959	umhos/cm	07/30/2007	09:10	10	KB	EPA 120.1
pH, field	6.88	S.U.	07/30/2007	09:10	N/A	KB	SM 4500-H+ B
Solids, total dissolved	556	mg/L	08/06/2007	12:30	1	DT	EPA 160.1
temperature (field)	24.0	C	07/30/2007	09:10	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	08/06/2007	11:05	0.002	WEW	SM 3113 B
Iron, ICP	0.01	mg/L	08/06/2007	12:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/06/2007	11:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	107	0.0	20	104	104	70 - 130
Nitrite-N-IC	<0.03	108	0.2	20	100	101	70 - 130
Nitrate-N-IC	<0.02	107	0.4	20	101	101	70 - 130
Sulfate-IC	<0.5	93.5	0.7	20	114	115	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	102	0.5	20	95.8	96.3	70 - 125
Iron, ICP	<0.01	103	0.0	20	103	103	75 - 125
Selenium, GFAA	<0.003	103	4.0	20	85.5	89.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

ENERGY LABORATORIES
ENERGY LABORATC S, INC. • 2393 Salt Creek Highway (82601) • P.O. 3258 • Casper, WY 82602
Toll Free 888.235.0515 • .235.0515 • Fax 307.234.1639 • casper@energy om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080067-001
Client Sample ID: 107757

Report Date: 08/21/07
Collection Date: 07/31/07 09:15
DateReceived: 08/01/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.3	pCi/L		1.0	15	E900.0	08/17/07 02:56 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	08/17/07 02:56 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/13/07 09:55 / crw
Radon 222	447	pCi/L		100		D5072-92	08/08/07 08:34 / dpb
Radon 222 precision (±)	202	pCi/L				D5072-92	08/08/07 08:34 / dpb
Uranium	0.009	mg/L		0.001	0.03	E200.8	08/17/07 01:51 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-t As Se	Uranium	Radionuclides	pH: 6.88 @ 7/30/07	Temp: 24.0°C	Cond: 959 µS	Lab Sample ID (Lab Use Only)
	Well	W	7/30/07	0915	2L	P	1	1	X	X	X						107757
	Well	W	7/30/07	0915	2L, 40ml	P,G	4	13				X	X				107757

Sampler Name: Kevin Banos

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	7-30-07	1441-	Kristi Zandonatti	7/30/07	1445
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Onice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#1

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co GW

Date Received: 7/30/07

BE Sample #: 107757

Checklist Completed By: K Landmatte
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals were not preserved

Action taken to correct problem: poured off Metals & preserved.

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107758**
Sample ID:	Well	**Date Received:**	07/30/2007
Date Taken:	07/30/2007	**Time Received:**	14:45
Time Taken:	0928	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	202	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/31/2007	16:50	0.03	DT	SM 4110B
Nitrate-N-IC	0.32	mg/L	07/31/2007	16:50	0.02	DT	SM 4110B
Sulfate-IC	55.9	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Conductivity, specific	1,248	umhos/cm	07/30/2007	09:25	10	KB	EPA 120.1
pH, field	7.08	S.U.	07/30/2007	09:25	N/A	KB	SM 4500-H+ B
Solids, total dissolved	718	mg/L	08/06/2007	12:30	1	DT	EPA 160.1
temperature (field)	25.1	C	07/30/2007	09:25	N/A	KB	EPA 170.1
Arsenic, GFAA	0.007	mg/L	08/06/2007	11:05	0.002	WEW	SM 3113 B
Iron, ICP	0.12	mg/L	08/06/2007	12:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/06/2007	11:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	107	0.0	20	104	104	70 - 130
Nitrite-N-IC	<0.03	108	0.2	20	100	101	70 - 130
Nitrate-N-IC	<0.02	107	0.4	20	101	101	70 - 130
Sulfate-IC	<0.5	93.5	0.7	20	114	115	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	102	0.5	20	95.8	96.3	70 - 125
Iron, ICP	<0.01	103	0.0	20	103	103	75 - 125
Selenium, GFAA	<0.003	103	4.0	20	85.5	89.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes. EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080067-002
Client Sample ID: 107758

Report Date: 08/21/07
Collection Date: 07/31/07 09:28
DateReceived: 08/01/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	13.5	pCi/L		1.0	15	E900.0	08/17/07 14:10 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	08/17/07 14:10 / res
Radium 226	2.8	pCi/L		1.0	5	E903.0	08/13/07 09:55 / crw
Radium 226 precision (±)	0.5	pCi/L				E903.0	08/13/07 09:55 / crw
Radon 222	1550	pCi/L		100		D5072-92	08/08/07 08:34 / dpb
Radon 222 precision (±)	224	pCi/L				D5072-92	08/08/07 08:34 / dpb
Uranium	0.012	mg/L		0.001	0.03	E200.8	08/17/07 02:08 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

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CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.08 @ 07/30/07	Temp: 25.1°C	Cond: 1248 us	Lab Sample ID (Lab Use Only)
	Well	W	7/30/07	0928	2L	P	1	1	X	X	X						107758
	Well	W	7/30/07	0928	2L,40ml	P,G	4	13				X	X				107758

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	7-30-07	1441	[signature]	7/30/07	1445
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.3°C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Dry ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#7

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Global Co GW

Date Received: 7/30/07

BE Sample #: 107758

Checklist Completed By: K Landmatte
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: Metals were not preserved

Action taken to correct problem: Metals were poured off + preserved.

B ENVIRONMENTA.
Victoria, TX 77901
2713 Houston Hwy.
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107759**
Sample ID:	Well	**Date Received:**	07/30/2007
Date Taken:	07/30/2007	**Time Received:**	14:45
Time Taken:	1009	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	193	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/31/2007	16:50	0.03	DT	SM 4110B
Nitrate-N-IC	0.49	mg/L	07/31/2007	16:50	0.02	DT	SM 4110B
Sulfate-IC	29.2	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Conductivity, specific	1,106	umhos/cm	07/30/2007	10:05	10	KB	EPA 120.1
pH, field	7.36	S.U.	07/30/2007	10:05	N/A	KB	SM 4500-H+ B
Solids, total dissolved	638	mg/L	08/06/2007	12:30	1	DT	EPA 160.1
temperature (field)	24.6	C	07/30/2007	10:05	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	08/06/2007	11:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	08/06/2007	12:54	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	08/06/2007	11:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	107	0.0	20	104	104	70 - 130
Nitrite-N-IC	<0.03	108	0.2	20	100	101	70 - 130
Nitrate-N-IC	<0.02	107	0.4	20	101	101	70 - 130
Sulfate-IC	<0.5	93.5	0.7	20	114	115	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	102	0.5	20	95.8	96.3	70 - 125
Iron, ICP	<0.01	103	0.0	20	103	103	75 - 125
Selenium, GFAA	<0.003	103	4.0	20	85.5	89.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080067-003
Client Sample ID: 107759

Report Date: 08/21/07
Collection Date: 07/31/07 10:09
DateReceived: 08/01/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.6	pCi/L		1.0	15	E900.0	08/17/07 02:56 / res
Gross Alpha precision (±)	1.0	pCi/L				E900.0	08/17/07 02:56 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/13/07 09:55 / crw
Radon 222	587	pCi/L		100		D5072-92	08/08/07 08:34 / dpb
Radon 222 precision (±)	204	pCi/L				D5072-92	08/08/07 08:34 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	08/17/07 02:12 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.36 @ 7/30/07	temp: 24.6°C	cond: 1106 us	Lab Sample ID (Lab Use Only)
	Well	W	7/30/07	1009	2L	P	1	1	X	X	X						107759
	Well	W	7/30/07	1009	2L,40ml	P,G	4	1,3				X	X				107759

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	7-30-07	1441	Kristin Landmatte	7/30/07	1445
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.3°C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Unicepacks

*RUSH TURNAROUND REQUIRES SURCHARGE

#3

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Allied GGW Date Received: 7/30/07

BE Sample #: 107759 Checklist Completed By: K Mundwatie
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO ~~NO VOA VIALS SUBMITTED~~	7/30 KM
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were not preserved

Action taken to correct problem: Metals were poured off + preserved

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107760**
Sample ID:	Well	**Date Received:**	07/30/2007
Date Taken:	07/30/2007	**Time Received:**	14:45
Time Taken:	1055	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	50.1	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/31/2007	16:50	0.03	DT	SM 4110B
Nitrate-N-IC	<0.02	mg/L	07/31/2007	16:50	0.02	DT	SM 4110B
Sulfate-IC	26.5	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Conductivity, specific	701	umhos/cm	07/30/2007	10:50	10	KB	EPA 120.1
pH, field	7.31	S.U.	07/30/2007	10:50	N/A	KB	SM 4500-H+ B
Solids, total dissolved	420	mg/L	08/06/2007	12:30	1	DT	EPA 160.1
temperature (field)	24.1	C	07/30/2007	10:50	N/A	KB	EPA 170.1
Arsenic, GFAA	0.007	mg/L	08/06/2007	11:05	0.002	WEW	SM 3113 B
Iron, ICP	0.02	mg/L	08/06/2007	12:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/06/2007	11:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	107	0.0	20	104	104	70 - 130
Nitrite-N-IC	<0.03	108	0.2	20	100	101	70 - 130
Nitrate-N-IC	<0.02	107	0.4	20	101	101	70 - 130
Sulfate-IC	<0.5	93.5	0.7	20	114	115	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	102	0.5	20	95.8	96.3	70 - 125
Iron, ICP	<0.01	103	0.0	20	103	103	75 - 125
Selenium, GFAA	<0.003	103	4.0	20	85.5	89.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080067-004
Client Sample ID: 107760

Report Date: 08/21/07
Collection Date: 07/31/07 10:55
DateReceived: 08/01/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	11.2	pCi/L		1.0	15	E900.0	08/17/07 02:56 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	08/17/07 02:56 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/13/07 09:55 / crw
Radon 222	636	pCi/L		100		D5072-92	08/08/07 08:34 / dpb
Radon 222 precision (±)	204	pCi/L				D5072-92	08/08/07 08:34 / dpb
Uranium	0.024	mg/L		0.001	0.03	E200.8	08/17/07 02:32 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.31 @ 7/30/07	Temp: 24.1°C	Cond: 701 µS	Lab Sample ID (Lab Use Only)
	Well	W	7/30/07	1055	2L	P	1	1	X	X	X						107760
	Well	W	7/30/07	1055	2L,40ml	P,G	4	1,3				X	X				107760

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	7-30-07	1441	Kristi Fandinatti	7/30/07	1445

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Unice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#4

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co GW Date Received: 7/30/07

BE Sample #: 107740 Checklist Completed By: K Gardinatie
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were NOT preserved.

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107761**
Sample ID:	Well	**Date Received:**	07/30/2007
Date Taken:	07/30/2007	**Time Received:**	14:45
Time Taken:	1140	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	167	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/31/2007	16:50	0.03	DT	SM 4110B
Nitrate-N-IC	0.56	mg/L	07/31/2007	16:50	0.02	DT	SM 4110B
Sulfate-IC	43.4	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Conductivity, specific	1,076	umhos/cm	07/30/2007	11:32	10	KB	EPA 120.1
pH, field	7.26	S.U.	07/30/2007	11:32	N/A	KB	SM 4500-H+ B
Solids, total dissolved	668	mg/L	08/06/2007	12:30	1	DT	EPA 160.1
temperature (field)	24.2	C	07/30/2007	11:32	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	08/06/2007	11:05	0.002	WEW	SM 3113 B
Iron, ICP	0.03	mg/L	08/06/2007	12:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/06/2007	11:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	107	0.0	20	104	104	70 - 130
Nitrite-N-IC	<0.03	108	0.2	20	100	101	70 - 130
Nitrate-N-IC	<0.02	107	0.4	20	101	101	70 - 130
Sulfate-IC	<0.5	93.5	0.7	20	114	115	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	102	0.5	20	95.8	96.3	70 - 125
Iron, ICP	<0.01	103	0.0	20	103	103	75 - 125
Selenium, GFAA	<0.003	103	4.0	20	85.5	89.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080067-005
Client Sample ID: 107761

Report Date: 08/21/07
Collection Date: 07/31/07 11:40
DateReceived: 08/01/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.3	pCi/L		1.0	15	E900.0	08/17/07 02:56 / res
Gross Alpha precision (±)	1.0	pCi/L				E900.0	08/17/07 02:56 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/13/07 09:55 / crw
Radon 222	568	pCi/L		100		D5072-92	08/08/07 08:34 / dpb
Radon 222 precision (±)	201	pCi/L				D5072-92	08/08/07 08:34 / dpb
Uranium	0.003	mg/L		0.001	0.03	E200.8	08/17/07 02:37 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.26 @ 1133 7/30/07	temp: 24.2°C	cond: 1076 µS	Lab Sample ID (Lab Use Only)
	Well	W	7/30/07	1140	2L	P	1	1	X	X	X						107761
	Well	W	7/30/07	1140	2L,40ml	P,G	4	1,3				X	X				107761

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	7-30-07	1445	Kristi Landmatle	7/30/07	1445

For Lab Use Only

Temp: 3.3°C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#5

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad GWCO Date Received: 7/30/07

BE Sample #: 107761 Checklist Completed By: K Tandinatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted. _____
Contacted By: _____
Regarding: _____
Comments: Metals were not preserved

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107762**
Sample ID:	Well	**Date Received:**	07/30/2007
Date Taken:	07/30/2007	**Time Received:**	14:45
Time Taken:	1210	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	106	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/31/2007	16:50	0.03	DT	SM 4110B
Nitrate-N-IC	0.66	mg/L	07/31/2007	16:50	0.02	DT	SM 4110B
Sulfate-IC	34.1	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Conductivity, specific	836	umhos/cm	07/30/2007	12:05	10	KB	EPA 120.1
pH, field	7.11	S.U.	07/30/2007	12:05	N/A	KB	SM 4500-H+ B
Solids, total dissolved	522	mg/L	08/06/2007	12:30	1	DT	EPA 160.1
temperature (field)	24.0	C	07/30/2007	12:05	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	08/06/2007	11:05	0.002	WEW	SM 3113 B
Iron, ICP	0.02	mg/L	08/06/2007	12:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/06/2007	11:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	107	0.0	20	104	104	70 - 130
Nitrite-N-IC	<0.03	108	0.2	20	100	101	70 - 130
Nitrate-N-IC	<0.02	107	0.4	20	101	101	70 - 130
Sulfate-IC	<0.5	93.5	0.7	20	114	115	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	102	0.5	20	95.8	96.3	70 - 125
Iron, ICP	<0.01	103	0.0	20	103	103	75 - 125
Selenium, GFAA	<0.003	103	4.0	20	85.5	89.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • .235.0515 • Fax 307.234.1639 • casper@energ om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080067-006
Client Sample ID: 107762

Report Date: 08/21/07
Collection Date: 07/31/07 12:10
DateReceived: 08/01/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	12.2	pCi/L		1.0	15	E900.0	08/17/07 14:10 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	08/17/07 14:10 / res
Radium 226	3.0	pCi/L		1.0	5	E903.0	08/13/07 09:55 / crw
Radium 226 precision (±)	0.6	pCi/L				E903.0	08/13/07 09:55 / crw
Radon 222	1460	pCi/L		100		D5072-92	08/08/07 08:34 / dpb
Radon 222 precision (±)	219	pCi/L				D5072-92	08/08/07 08:34 / dpb
Uranium	0.003	mg/L		0.001	0.03	E200.8	08/17/07 02:41 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.11 @ 7/30/07	temp: 24.0°C	cond: 836 µs	Lab Sample ID (Lab Use Only)
	Well	W	7/30/07	1210	2L	P	1	1	X	X	X						107762
	Well	W	7/30/07	1210	2L, 40ml	P,G	4	13				X	X				107762

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	7-30-07	1445	Kristi Landmatte	7/30/07	1445

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Nice

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Allied Co GW Date Received: 7/30/07

BE Sample #: 107742 Checklist Completed By: [illegible]
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were not preserved

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTA.
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107763**
Sample ID:	Well	**Date Received:**	07/30/2007
Date Taken:	07/30/2007	**Time Received:**	14:45
Time Taken:	1230	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	91.0	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/31/2007	16:50	0.03	DT	SM 4110B
Nitrate-N-IC	1.40	mg/L	07/31/2007	16:50	0.02	DT	SM 4110B
Sulfate-IC	18.6	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Conductivity, specific	833	umhos/cm	07/30/2007	12:22	10	KB	EPA 120.1
pH, field	7.27	S.U.	07/30/2007	12:22	N/A	KB	SM 4500-H+ B
Solids, total dissolved	480	mg/L	08/06/2007	12:30	1	DT	EPA 160.1
temperature (field)	39.1	C	07/30/2007	12:22	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	08/06/2007	11:05	0.002	WEW	SM 3113 B
Iron, ICP	0.02	mg/L	08/06/2007	12:54	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	08/06/2007	11:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	107	0.0	20	104	104	70 - 130
Nitrite-N-IC	<0.03	108	0.2	20	100	101	70 - 130
Nitrate-N-IC	<0.02	107	0.4	20	101	101	70 - 130
Sulfate-IC	<0.5	93.5	0.7	20	114	115	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	102	0.5	20	95.8	96.3	70 - 125
Iron, ICP	<0.01	103	0.0	20	103	103	75 - 125
Selenium, GFAA	<0.003	103	4.0	20	85.5	89.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black. C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080067-007
Client Sample ID: 107763

Report Date: 08/21/07
Collection Date: 07/31/07 12:30
DateReceived: 08/01/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.1	pCi/L		1.0	15	E900.0	08/17/07 02:56 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	08/17/07 02:56 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/13/07 09:55 / crw
Radon 222	479	pCi/L		100		D5072-92	08/08/07 08:34 / dpb
Radon 222 precision (±)	198	pCi/L				D5072-92	08/08/07 08:34 / dpb
Uranium	0.006	mg/L		0.001	0.03	E200.8	08/17/07 02:45 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.27 @ 1730 / temp: 39.19 / cond: 833 us			Lab Sample ID (Lab Use Only)
	Well	W	7/30/17	1230	2L	P	1	1	X	X	X						107763
	Well	W	7/30/17	1230	2L, 40ml	P, G	4	1,3				X	X				107763

Sampler Name: Kevin Barros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	7-30-17	1441	Kristi Landmatter	7/30/17	1445
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Mice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#1

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co GW Date Received: 7/30/07

BE Sample #: 107743 Checklist Completed By: K Landmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were not preserved

Action taken to correct problem: Metals were pulled off + preserved

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**107764**
Sample ID:	Well	**Date Received:**	07/30/2007
Date Taken:	07/30/2007	**Time Received:**	14:45
Time Taken:	1350	**Report Date:**	08/07/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	159	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	07/31/2007	16:50	0.03	DT	SM 4110B
Nitrate-N-IC	3.92	mg/L	07/31/2007	16:50	0.02	DT	SM 4110B
Sulfate-IC	30.9	mg/L	07/31/2007	16:50	0.50	DT	SM 4110B
Conductivity, specific	1,080	umhos/cm	07/30/2007	13:44	10	KB	EPA 120.1
pH, field	7.26	S.U.	07/30/2007	13:44	N/A	KB	SM 4500-H+ B
Solids, total dissolved	686	mg/L	08/06/2007	12:30	1	DT	EPA 160.1
temperature (field)	23.5	C	07/30/2007	13:44	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	08/06/2007	11:05	0.002	WEW	SM 3113 B
Iron, ICP	0.06	mg/L	08/06/2007	12:54	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/06/2007	11:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	107	0.0	20	104	104	70 - 130
Nitrite-N-IC	<0.03	108	0.2	20	100	101	70 - 130
Nitrate-N-IC	<0.02	107	0.4	20	101	101	70 - 130
Sulfate-IC	<0.5	93.5	0.7	20	114	115	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	0.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	102	0.5	20	95.8	96.3	70 - 125
Iron, ICP	<0.01	103	0.0	20	103	103	75 - 125
Selenium, GFAA	<0.003	103	4.0	20	85.5	89.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080067-008
Client Sample ID: 107764

Report Date: 08/21/07
Collection Date: 07/31/07 13:50
DateReceived: 08/01/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.5	pCi/L		1.0	15	E900.0	08/17/07 02:55 / res
Gross Alpha precision (±)	1.0	pCi/L				E900.0	08/17/07 02:55 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/13/07 11:20 / crw
Radon 222	432	pCi/L		100		D5072-92	08/08/07 08:34 / dpb
Radon 222 precision (±)	195	pCi/L				D5072-92	08/08/07 08:34 / dpb
Uranium	0.003	mg/L		0.001	0.03	E200.8	08/17/07 02:49 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.26 @ 1314 7/30/07	Temp: 23.58	Cond: 1020 ss	Lab Sample ID (Lab Use Only)
	Well	W	7/30/07	1350	2L	P	1		X	X	X						107764
	Well	W	7/30/07	1350	2L 40ml	P,G	4					X	X				107764

Sampler Name: Kevin Baros

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	7-30-07	1445	Kristi Zandmatti	7/30/07	1445

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#2

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Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co GW Date Received: 7/30/07

BE Sample #: 107764 Checklist Completed By: K Landmalle
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water--VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water-PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: Metals were not preserved

Action taken to correct problem: Metals were poured off + preserved

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108245**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	0910	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	164	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	0.75	mg/L	08/14/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	36.3	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	1,060	umhos/cm	08/13/2007	09:05	10	KB	EPA 120.1
pH, field	6.95	S.U.	08/13/2007	09:05	N/A	KB	SM 4500-H+ B
Solids, total dissolved	642	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	24.2	C	08/13/2007	09:05	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	0.84	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	105	0.2	20	105	105	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	90.7	3.0	20	103	103	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • .235.0515 • Fax 307.234.1639 • casper@energy. .om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-001
Client Sample ID: 108245

Report Date: 08/30/07
Collection Date: 08/13/07 09:10
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.8	pCi/L		1.0	15	E900.0	08/25/07 12:15 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	08/25/07 12:15 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/21/07 11:26 / trs
Radon 222	212	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Radon 222 precision (±)	45.2	pCi/L				D5072-92	08/15/07 01:20 / dpb
Uranium	0.003	mg/L		0.001	0.03	E200.8	08/27/07 23:10 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 6.95 8/13 @ 0905	Temp: 24.2°C 8/13 @ 1905	Cond: 1,060 US 8/13 @ 0905	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	0910	2L	P	1		X	X	X						108245
2	Well	W	8/13/07	0910	2L 40ml	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	Kristi Kardinatti	8/13/07	1400

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Unice packs

*RUSH TURNAROUND REQUIRES SU CHARGE

#1

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Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co

Date Received: 8/13/11

BE Sample #: 108245

Checklist Completed By: K Tardenatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals VOAs

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: _____

Action taken to correct problem: Metals were paired off + preserved.

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108246**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	0932	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	76.5	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	0.50	mg/L	08/14/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	20.9	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	742	umhos/cm	08/13/2007	09:30	10	KB	EPA 120.1
pH, field	7.65	S.U.	08/13/2007	09:30	N/A	KB	SM 4500-H+ B
Solids, total dissolved	436	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	24.3	C	08/13/2007	09:30	N/A	KB	EPA 170.1
Arsenic, GFAA	0.007	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	0.04	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	105	0.2	20	105	105	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	90.7	3.0	20	103	103	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-002
Client Sample ID: 108246

Report Date: 08/30/07
Collection Date: 08/13/07 09:32
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.0	pCi/L		1.0	15	E900.0	08/25/07 12:15 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	08/25/07 12:15 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/21/07 11:26 / trs
Radon 222	ND	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Uranium	0.002	mg/L		0.001	0.03	E200.8	08/27/07 23:27 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

TRACK# C07080856

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 acacd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.65 @ 8/13/07	Temp: 24.3 @ 8/13/07	Cond: 742 µS @ 8/13/07	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	0932	2L	P	1		X	X	X						108246
2	Well	W	8/13/07	0932	2L 4 Vm	P,G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	Kristi Kendenatie	8/13/07	1400

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

Remarks: On ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#2

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co

Date Received: 8/13/07

BE Sample #: 108246

Checklist Completed By: K Zandenatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	~~NO VOA VIALS SUBMITTED~~ KZ 8/13
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals WHS

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: _____

Action taken to correct problem: Metals were poured off + preserved

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108247**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	1013	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	115	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	0.47	mg/L	08/14/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	23.0	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	920	umhos/cm	08/13/2007	10:10	10	KB	EPA 120.1
pH, field	7.22	S.U.	08/13/2007	10:10	N/A	KB	SM 4500-H+ B
Solids, total dissolved	524	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	24.1	C	08/13/2007	10:10	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	0.22	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	105	0.2	20	105	105	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	90.7	3.0	20	103	103	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C A et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U S Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-003
Client Sample ID: 108247

Report Date: 08/30/07
Collection Date: 08/13/07 10:13
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.3	pCi/L		1.0	15	E900.0	08/25/07 12:15 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	08/25/07 12:15 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/21/07 11:26 / trs
Radon 222	180	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Radon 222 precision (±)	44.4	pCi/L				D5072-92	08/15/07 01:20 / dpb
Uranium	0.001	mg/L		0.001	0.03	E200.8	08/27/07 23:31 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

TRACK# C07080856

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.22 8/13/07@1010	Temp: 24.1°C 8/13/07@1010	Cond: 9.20 uS 8/13/07@1010	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	1013	2L	P	1		X	X	X						108247
2	Well	W	8/13/07	1013	2L,4oz	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	Kristi Tardenatti	8/13/07	1400

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: ice packs

*RUSH TURNAROUND REQUIRES SL ARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#3

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gilead Co Date Received: 8/13/07

BE Sample #: 108247 Checklist Completed By: K. Fandinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off & preserved

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108248**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	1103	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	238	mg/L	08/15/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.38	mg/L	08/14/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	35.8	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	1,281	umhos/cm	08/13/2007	11:00	10	KB	EPA 120.1
pH, field	7.35	S.U.	08/13/2007	11:00	N/A	KB	SM 4500-H+ B
Solids, total dissolved	720	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	24.8	C	08/13/2007	11:00	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	106	0.7	20	103	107	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	90.7	3.0	20	103	103	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

ENERGY LABORATORIES

ENERGY LABORATO[illegible]S, INC. • 2393 Salt Creek Highway (82601) • P.O. [illegible] 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 235.0515 • Fax 307.234.1639 • casper@energy[illegible]om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-004
Client Sample ID: 108248

Report Date: 08/30/07
Collection Date: 08/13/07 11:03
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.1	pCi/L		1.0	15	E900.0	08/26/07 05:07 / res
Gross Alpha precision (±)	0.8	pCi/L				E900.0	08/26/07 05:07 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/21/07 11:26 / trs
Radon 222	148	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Radon 222 precision (±)	43.7	pCi/L				D5072-92	08/15/07 01:20 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	08/27/07 23:35 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

TRACK# C07080856

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.35 8/13/07 @1100	Temp: 24.8°C 8/13/07 @1100	Cond: 1281 UO 8/13/07 @1100	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	1103	2L	P	1		X	X	X						108248
2	Well	W	8/13/07	1103	2L 40ml	P,G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	Kristin Zendenatti	8/13/07	1400
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SU[illegible] HARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 8/13/07

BE Sample #: 108248

Checklist Completed By: K Tandenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals Wts

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTA.
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108249**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	1120	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	434	mg/L	08/15/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	11.1	mg/L	08/15/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	126	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	2,148	umhos/cm	08/13/2007	11:18	10	KB	EPA 120.1
pH, field	7.09	S.U.	08/13/2007	11:18	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,254	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.3	C	08/13/2007	11:18	N/A	KB	EPA 170.1
Arsenic, GFAA	0.013	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	0.23	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	106	0.7	20	103	107	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	92.0	0.7	20	106	102	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References.
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-005
Client Sample ID: 108249

Report Date: 08/30/07
Collection Date: 08/13/07 11:20
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	5.4	pCi/L		1.0	15	E900.0	08/26/07 05:07 / res
Gross Alpha precision (±)	1.2	pCi/L				E900.0	08/26/07 05:07 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/21/07 11:26 / trs
Radon 222	163	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Radon 222 precision (±)	43.8	pCi/L				D5072-92	08/15/07 01:20 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	08/27/07 23:39 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 acgcd@goliad.net	Fax:
Proje	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.09 8/13/07 @1118	Temp: 25.3°C 8/13/07 @1118	Cond: 2148 8/13/07 @1118	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	1120	2L	P	1		X	X	X						108249
2	Well	W	8/13/07	1120	2L Hcl	PG	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	Kristi Zandenatti	8/13/07	1400

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: on ice pack

*RUSH TURNAROUND REQUIRES SL IARGE

#10

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Global Co.

Date Received: 8/13/07

BE Sample #: 108249

Checklist Completed By: K Gandhati
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	NOT APPLICABLE VOAS

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off & preserved

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108250**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	1150	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	236	mg/L	08/15/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	<0.02	mg/L	08/14/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	38.5	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	1,283	umhos/cm	08/13/2007	11:50	10	KB	EPA 120.1
pH, field	7.56	S.U.	08/13/2007	11:50	N/A	KB	SM 4500-H+ B
Solids, total dissolved	666	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.1	C	08/13/2007	11:50	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	0.07	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	106	0.7	20	103	107	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	90.7	3.0	20	103	103	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-006
Client Sample ID: 108250

Report Date: 08/30/07
Collection Date: 08/13/07 11:50
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	14.5	pCi/L		1.0	15	E900.0	08/26/07 05:07 / res
Gross Alpha precision (±)	1.1	pCi/L				E900.0	08/26/07 05:07 / res
Radium 226	8.8	pCi/L	*	1.0	5	E903.0	08/21/07 11:26 / trs
Radium 226 precision (±)	1.0	pCi/L				E903.0	08/21/07 11:26 / trs
Radon 222	1370	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Radon 222 precision (±)	58.0	pCi/L				D5072-92	08/15/07 01:20 / dpb
Uranium	ND	mg/L		0.001	0.03	E200.8	08/27/07 23:43 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
* - The result exceeds the MCL.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.56 @ 1150	Temp: 25.1 @ 1150	Cond: 1083 @ 1150	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	1150	2L	P	1		X	X	X					108250
2	Well	W	8/13/07	1150	2L 4oz	P,G	4					X	X			1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	[signature]	8/13/07	1400
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Temp: 3.3 °C

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SL ARGE

#7

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gilead Co Date Received: 8/13/07

BE Sample #: 108250 Checklist Completed By: K Zandenatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	~~NO VOA VIALS SUBMITTED~~ KZ 8/13
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WMJ

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108251**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	1210	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	108	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	0.98	mg/L	08/14/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	18.6	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	864	umhos/cm	08/13/2007	12:05	10	KB	EPA 120.1
pH, field	7.38	S.U.	08/13/2007	12:05	N/A	KB	SM 4500-H+ B
Solids, total dissolved	492	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	25.1	C	08/13/2007	12:05	N/A	KB	EPA 170.1
Arsenic, GFAA	0.008	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	0.15	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	105	0.2	20	105	105	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	90.7	3.0	20	103	103	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • [illegible] 235.0515 • Fax 307.234.1639 • casper@energy. [illegible]om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-007
Client Sample ID: 108251

Report Date: 08/30/07
Collection Date: 08/13/07 12:10
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.9	pCi/L		1.0	15	E900.0	08/26/07 05:07 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	08/26/07 05:07 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/21/07 11:26 / trs
Radon 222	207	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Radon 222 precision (±)	44.2	pCi/L				D5072-92	08/15/07 01:20 / dpb
Uranium	0.002	mg/L		0.001	0.03	E200.8	08/28/07 00:04 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond NO2 NO3	pH SO4 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.39 8/13/07 1200	Temp: 25 8/13/07 1200	Cond: 2104 µS 8/13/07 1200	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	1210	2L	P	1		X	X	X						108251
2	Well	W	8/13/07	1210	2L 4oz	P.G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date: 8-13-07	Time: 1400	Received by: (Signature) Kristin Tadmatti	Date: 8/13/07	Time: 1400
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SU. .ARGE

#8

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gilead Co Date Received: 8/13/07

BE Sample #: 108267 Checklist Completed By: K Tandmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals WHS

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.
B ENVIRONMENTA.
Victoria, TX 77901
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108252**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	1234	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	134	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	0.62	mg/L	08/14/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	28.7	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	943	umhos/cm	08/13/2007	12:31	10	KB	EPA 120.1
pH, field	7.32	S.U.	08/13/2007	12:31	N/A	KB	SM 4500-H+ B
Solids, total dissolved	542	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	24.8	C	08/13/2007	12:31	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	105	0.2	20	105	105	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	90.7	3.0	20	103	103	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • [illegible] 235.0515 • Fax 307.234.1639 • casper@energy[illegible]om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-008
Client Sample ID: 108252

Report Date: 08/30/07
Collection Date: 08/13/07 12:34
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.4	pCi/L		1.0	15	E900.0	08/26/07 05:07 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	08/26/07 05:07 / res
Radium 226	ND	pCi/L		1.0	5	E903.0	08/21/07 12:50 / trs
Radon 222	177	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Radon 222 precision (±)	43.7	pCi/L				D5072-92	08/15/07 01:20 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	08/28/07 00:08 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Projec	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.32 8/13/07 @ 1237	Temp: 24.8°C 8/13/07 @ 1237	Cond: 9413 us 8/13/07 @ 1237	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	1234	2L	P	1		X	X	X						108252
2	Well	W	8/13/07	1234	24 Hour	P,G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	Kristi Fandenatti	8/13/07	1400

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Unice packs

*RUSH TURNAROUND REQUIRES SL IARGE

#9

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 8/13/07

BE Sample #: 108252

Checklist Completed By: K Zandinatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.
B ENVIRONMENTA
Victoria, TX 77901
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108253**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	1303	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	183	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	08/14/2007	16:00	0.03	DT	SM 4110B
Nitrate-N-IC	<0.02	mg/L	08/14/2007	16:00	0.02	DT	SM 4110B
Sulfate-IC	64.6	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	1,190	umhos/cm	08/13/2007	13:00	10	KB	EPA 120.1
pH, field	7.22	S.U.	08/13/2007	13:00	N/A	KB	SM 4500-H+ B
Solids, total dissolved	690	mg/L	08/20/2007	10:00	1	DT	EPA 160.1
temperature (field)	24.9	C	08/13/2007	13:00	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B
Iron, ICP	0.48	mg/L	08/17/2007	12:38	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	08/17/2007	08:05	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	105	0.2	20	105	105	70 - 130
Nitrite-N-IC	<0.03	104	0.3	20	101	101	70 - 130
Nitrate-N-IC	<0.02	90.7	3.0	20	103	103	70 - 130
Sulfate-IC	<0.5	94.1	9.4	20	104	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	2.6	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125
Iron, ICP	<0.01	95.7	0.9	20	94.3	93.3	75 - 125
Selenium, GFAA	<0.003	111	0.2	20	95.5	95.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A et al (ed) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • [illegible]35.0515 • Fax 307.234.1639 • casper@energyl[illegible]m • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07080856-009
Client Sample ID: 108253

Report Date: 08/30/07
Collection Date: 08/13/07 13:03
DateReceived: 08/15/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	31.1	pCi/L	*	1.0	15	E900.0	08/26/07 05:07 / res
Gross Alpha precision (±)	1.7	pCi/L				E900.0	08/26/07 05:07 / res
Radium 226	9.5	pCi/L	*	1.0	5	E903.0	08/21/07 12:50 / trs
Radium 226 precision (±)	1.0	pCi/L				E903.0	08/21/07 12:50 / trs
Radon 222	2760	pCi/L		100		D5072-92	08/15/07 01:20 / dpb
Radon 222 precision (±)	70.5	pCi/L				D5072-92	08/15/07 01:20 / dpb
Uranium	0.011	mg/L		0.001	0.03	E200.8	08/28/07 00:12 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
* - The result exceeds the MCL.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.22 8/13/07 @ 1300	Temp: 24.9 8/13/07 @ 1300	Cond: 1190 8/13/07 @ 1300	Lab Sample ID (Lab Use Only)
	Well	W	8/13/07	1303	2L	P	1		X	X	X						108253
	Well	W	8/13/07	1303	2L, 4oz	P,G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	Kristi Kudenatti	8/13/07	1400
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 3-3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: mice packs

*RUSH TURNAROUND REQUIRES SL IARGE

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HC

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co Date Received: 8/13/07

BE Sample #: 108253 Checklist Completed By: K Mudnatte
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE VOMS

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108254**
Sample ID:	Well	**Date Received:**	08/13/2007
Date Taken:	08/13/2007	**Time Received:**	14:00
Time Taken:	1044	**Report Date:**	08/21/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	81.7	mg/L	08/14/2007	16:00	0.50	DT	SM 4110B
Conductivity, specific	831	umhos/cm	08/13/2007	10:43	10	KB	EPA 120.1
pH, field	7.30	S.U.	08/13/2007	10:43	N/A	KB	SM 4500-H+ B
temperature (field)	24.4	C	08/13/2007	10:43	N/A	KB	EPA 170.1
Arsenic, GFAA	0.008	mg/L	08/17/2007	08:05	0.002	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	105	0.2	20	105	105	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	101	101	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

Environmental Testing Laboratory

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CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project: David & Carol Warren	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	HS, Cl	Temp: 24.4°C, pH: 7.30	Cond: 831 µs 8/13/07 @ 1043	Lab Sample ID (Lab Use Only)
1	Well	W	8/13/07	1044	2L	P	1						X			108254

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-13-07	1400	Kristi Tandonatti	8/13/07	1400

For Lab Use Only

Temp: 3.3 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SU. ARGE

#4

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Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co

Date Received: 8/13/07

BE Sample #: 108254

Checklist Completed By: K Zandmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	KZ 8/13 ~~YES~~	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO Metals	~~NOT APPLICABLE~~ KZ 8/13

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: _____

Action taken to correct problem: Metals were poured off + preserved.

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108952**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	0905	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	197	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.41	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	33.7	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,022	umhos/cm	09/10/2007	09:00	10	KB	EPA 120.1
pH, field	7.03	S.U.	09/10/2007	09:00	N/A	KB	SM 4500-H+ B
Solids, total dissolved	728	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	25.1	C	09/10/2007	09:00	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.03	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References.
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-001
Client Sample ID: 108952

Report Date: 09/27/07
Collection Date: 09/10/07 09:05
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.0	pCi/L		1.0	15	E900.0	09/23/07 06:37 / crw
Gross Alpha precision (±)	1.0	pCi/L				E900.0	09/23/07 06:37 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	295	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	79.2	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.003	mg/L		0.001	0.03	E200.8	09/20/07 03:56 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.03 9/10/07	Temp: 25 1°C	Cond: 1022 µS	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	0905	2L	P	1		X	X	X						108952
	Well	W	9/10/07	0905	2L, 4mL	P, G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1876	Kristi Tandmalie	9/10/07	1575

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

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#1

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108952 Checklist Completed By: K Handmatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WHS

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were preserved.

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108953**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	0925	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	249	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	2.79	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	37.6	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,338	umhos/cm	09/10/2007	09:20	10	KB	EPA 120.1
pH, field	7.10	S.U.	09/10/2007	09:20	N/A	KB	SM 4500-H+ B
Solids, total dissolved	830	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	24.6	C	09/10/2007	09:20	N/A	KB	EPA 170.1
Arsenic, GFAA	0.015	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.04	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-002
Client Sample ID: 108953

Report Date: 09/27/07
Collection Date: 09/10/07 09:25
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.9	pCi/L		1.0	15	E900.0	09/23/07 06:37 / crw
Gross Alpha precision (±)	1.2	pCi/L				E900.0	09/23/07 06:37 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	185	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	77.5	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.002	mg/L		0.001	0.03	E200.8	09/20/07 03:52 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.10 9/10/07 @ 0920	Temp: 24.6°C	Cond: 1330 µS	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	0925	2L	P	1		X	X	X						108953
	Well	W	9/10/07	0925	2L,40ml	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1515	Kristi Zandmatti	9/10/07	1515

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Wire Packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#7

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108953 Checklist Completed By: [illegible] Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: [illegible] 10/15

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: _____

Action taken to correct problem: Metals were pulled up + preserved

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108954**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	0950	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	211	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.39	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	41.0	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,098	umhos/cm	09/10/2007	09:45	10	KB	EPA 120.1
pH, field	7.17	S.U.	09/10/2007	09:45	N/A	KB	SM 4500-H+ B
Solids, total dissolved	660	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	24.8	C	09/10/2007	09:45	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.01	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References.
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-003
Client Sample ID: 108954

Report Date: 09/27/07
Collection Date: 09/10/07 09:50
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.7	pCi/L		1.0	15	E900.0	09/23/07 06:37 / crw
Gross Alpha precision (±)	1.1	pCi/L				E900.0	09/23/07 06:37 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	348	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	79.5	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.003	mg/L		0.001	0.03	E200.8	09/20/07 03:27 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.17 9/10/07@0914	Temp: 24.3°C	Cond: 1098 ms	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	0950	2L	P	1		X	X	X						108954
	Well	W	9/10/07	0950	2L 40ml	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1515	Kristin Landmaller	9/10/07	1515

For Lab Use Only

Temp: 4.4°C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

x3

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist.

Date Received: 9/10/07

BE Sample #: 108954

Checklist Completed By: K Handmatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals 10/15

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were filtered & preserved

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108955**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1015	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	250	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.20	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	34.7	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,188	umhos/cm	09/10/2007	10:15	10	KB	EPA 120.1
pH, field	7.18	S.U.	09/10/2007	10:15	N/A	KB	SM 4500-H+ B
Solids, total dissolved	702	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	24.2	C	09/10/2007	10:15	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-004
Client Sample ID: 108955

Report Date: 09/27/07
Collection Date: 09/10/07 10:15
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.8	pCi/L		1.0	15	E900.0	09/23/07 06:37 / crw
Gross Alpha precision (±)	1.1	pCi/L				E900.0	09/23/07 06:37 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	346	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	79.3	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.003	mg/L		0.001	0.03	E200.8	09/20/07 03:23 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.18	temp: 24.2°C	cond: 1188 µS	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	1015	2L	P	1		X	X	X						108955
	Well	W	9/10/07	1015	2L, 40ml	P,G	4					X	X				

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1871	Kristi Zandenatti	9/10/07	1575
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: once packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#4

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108955 Checklist Completed By: K Hudmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WCHS

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were paired up & preserved.

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108956**
Sample ID:	FM 884 W. Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1028	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	266	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.05	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	33.4	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,231	umhos/cm	09/10/2007	10:28	10	KB	EPA 120.1
pH, field	7.21	S.U.	09/10/2007	10:28	N/A	KB	SM 4500-H+ B
Solids, total dissolved	706	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	24.8	C	09/10/2007	10:28	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.07	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

ENERGY LABORATORIES
ENERGY LABORATC ES, INC. • 2393 Salt Creek Highway (82601) • P.O. 3258 • Casper, WY 82602
Toll Free 888.235.0515 • .235.0515 • Fax 307.234.1639 • casper@energ om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-005
Client Sample ID: 108956

Report Date: 09/27/07
Collection Date: 09/10/07 10:28
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	5.2	pCi/L		1.0	15	E900.0	09/23/07 06:37 / crw
Gross Alpha precision (±)	1.1	pCi/L				E900.0	09/23/07 06:37 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	238	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	77.7	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	09/20/07 03:19 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond NO2 NO3	pH SO4 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.21	Temp: 24.8°C	Cond: 1231 µs	Lab Sample ID (Lab Use Only)
	FM 884 W. Well	W	9/10/07	1028	2L	P	1	X	X	X						108956
	FM 884 W. Well	W	9/10/07	1028	2L, 4oz	P,G	4				X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date: 9-10-7	Time: 1800	Received by: (Signature) Kristin Tandwatie	Date: 9/10/07	Time: 1657
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Remarks

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Microplastics

*RUSH TURNAROUND REQUIRES SURCHARGE

#6

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108954 Checklist Completed By: V Hardwatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

Metals Wets

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured up + preserved.

B ENVIRONMENTA.
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108957**
Sample ID:	St Hwy 119 Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1052	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	256	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.13	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	33.1	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,209	umhos/cm	09/10/2007	10:52	10	KB	EPA 120.1
pH, field	7.25	S.U.	09/10/2007	10:52	N/A	KB	SM 4500-H+ B
Solids, total dissolved	740	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	24.6	C	09/10/2007	10:52	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.02	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References.
Black. C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-006
Client Sample ID: 108957

Report Date: 09/27/07
Collection Date: 09/10/07 10:52
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.1	pCi/L		1.0	15	E900.0	09/23/07 06:37 / crw
Gross Alpha precision (±)	1.0	pCi/L				E900.0	09/23/07 06:37 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	399	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	79.7	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.003	mg/L		0.001	0.03	E200.8	09/20/07 03:15 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

TRACK# C07090609

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.25 9/10/07	temp: 24.6°C	cond: 1209 US	Lab Sample ID (Lab Use Only)
	St. Hwy 119 Well	W	9/10/07	1052	2L	P	1		X	X	X						108957
	St. Hwy 119 Well	W	9/10/07	1052	2L, 40ml	P, G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1575	[signature]	9/10/07	1575

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

#66

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108957 Checklist Completed By: K Handmatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WTS

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were paired w/ preserved

B ENVIRONMENTA
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108958**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1104	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	273	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.00	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	37.0	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,271	umhos/cm	09/10/2007	11:04	10	KB	EPA 120.1
pH, field	7.22	S.U.	09/10/2007	11:04	N/A	KB	SM 4500-H+ B
Solids, total dissolved	746	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	24.3	C	09/10/2007	11:04	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.13	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-007
Client Sample ID: 108958

Report Date: 09/27/07
Collection Date: 09/10/07 11:04
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.8	pCi/L		1.0	15	E900.0	09/24/07 02:10 / crw
Gross Alpha precision (±)	1.2	pCi/L				E900.0	09/24/07 02:10 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	506	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	81.0	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	09/20/07 03:10 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Prc.	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.22 9/10/07 @1100	Temp: 24.3°C	Cond: 1271 uS	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	1104	2l	P	1		X	X	X						108958
	Well	W	9/10/07	1104	2l, 4oml	P.G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1171	Kurt Fredmatti	9/10/07	1515

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

217

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist.

Date Received: 9/10/07

BE Sample #: 108958

Checklist Completed By: K Handmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WHS

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved.

13 Houston Hwy.

ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108959**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1115	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	254	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.12	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	55.8	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,335	umhos/cm	09/10/2007	11:15	10	KB	EPA 120.1
pH, field	7.18	S.U.	09/10/2007	11:15	N/A	KB	SM 4500-H+ B
Solids, total dissolved	730	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	25.1	C	09/10/2007	11:15	N/A	KB	EPA 170.1
Arsenic, GFAA	0.007	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.07	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-008
Client Sample ID: 108959

Report Date: 09/27/07
Collection Date: 09/10/07 11:15
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	5.5	pCi/L		1.0	15	E900.0	09/24/07 02:10 / crw
Gross Alpha precision (±)	1.3	pCi/L				E900.0	09/24/07 02:10 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	290	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	78.0	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	09/20/07 02:17 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Proj		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH 7.18 9/10/07 @ 1114	Temp: 25.1°C	Cond: 1335 uS	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	1115	2L	P	1		X	X	X						108959
	Well	W	9/10/07	1115	2,4 Mn	P.G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10	1171	Kristi Fandinatti	9/10/07	1515
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Mice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108959 Checklist Completed By: K Handwritten
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off & preserved.

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108960**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1132	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	197	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.21	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	43.1	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,090	umhos/cm	09/10/2007	11:32	10	KB	EPA 120.1
pH, field	7.20	S.U.	09/10/2007	11:32	N/A	KB	SM 4500-H+ B
Solids, total dissolved	600	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	25.1	C	09/10/2007	11:32	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.05	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References.
Black, C A et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-009
Client Sample ID: 108960

Report Date: 09/27/07
Collection Date: 09/10/07 11:32
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	6.9	pCi/L		1.0	15	E900.0	09/24/07 02:10 / crw
Gross Alpha precision (±)	1.1	pCi/L				E900.0	09/24/07 02:10 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 12:25 / trs
Radon 222	773	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	84.2	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.006	mg/L		0.001	0.03	E200.8	09/20/07 03:06 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond NO2 NO3	pH SO4 TDS	Temp-t As Se	Uranium	Radionuclides	pH: 7.20 Alk to 10 1120 Temp: 25.1 Cond: 1190 uS	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	1137	2L	P	1	X	X	X				108960
	Well	W	9/10/07	1137	2,4L	P,G	4				X	X		1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	9-10-07	1171	Kristin Landrenau	9/10/07	1515
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only
Received Chilled: ☒ Yes ☐ No
Custody Seal: ☐ Yes ☒ No
Intact: ☐ Yes ☐ No
Temp: 4.4 °C
Remarks: one pass

*RUSH TURNAROUND REQUIRES SURCHARGE

#9

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108960 Checklist Completed By: K Handmatte
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals Wrts

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108961**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1309	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	80.2	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.03	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	8.0	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	734	umhos/cm	09/10/2007	13:09	10	KB	EPA 120.1
pH, field	7.31	S.U.	09/10/2007	13:09	N/A	KB	SM 4500-H+ B
Solids, total dissolved	424	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	24.2	C	09/10/2007	13:09	N/A	KB	EPA 170.1
Arsenic, GFAA	0.006	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.02	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-010
Client Sample ID: 108961

Report Date: 09/27/07
Collection Date: 09/10/07 13:09
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.9	pCi/L		1.0	15	E900.0	09/24/07 02:10 / crw
Gross Alpha precision (±)	0.8	pCi/L				E900.0	09/24/07 02:10 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 13:40 / trs
Radon 222	260	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	76.5	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.001	mg/L		0.001	0.03	E200.8	09/20/07 02:58 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond NO2 NO3	pH SO4 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.31 Alk/Hg/TDS	Temp 24.2C	Cond. 734 uS	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	1309	2L	P	1		X	X	X						108961
	Well	W	9/10/07	1309	2L Hon	P.G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1171	[signature]	9/10/07	1515
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date	Time:

For Lab Use Only

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Temp: 4.4 °C

Remarks: Unc pucks

*RUSH TURNAROUND REQUIRES SURCHARGE

#15

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108961 Checklist Completed By: K Hardmatte
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WTS

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were paired up & preserved.

2713 Houston Hwy.

B ENVIRONMENTA.
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108962**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1335	**Report Date:**	09/26/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	336	mg/L	09/24/2007	18:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	0.93	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	59.8	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,497	umhos/cm	09/10/2007	13:35	10	KB	EPA 120.1
pH, field	7.20	S.U.	09/10/2007	13:35	N/A	KB	SM 4500-H+ B
Solids, total dissolved	1,002	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	24.9	C	09/10/2007	13:35	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.24	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	90.3	1.3	20	102	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References.
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-011
Client Sample ID: 108962

Report Date: 09/27/07
Collection Date: 09/10/07 13:35
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	6.4	pCi/L		1.0	15	E900.0	09/24/07 02:10 / crw
Gross Alpha precision (±)	1.3	pCi/L				E900.0	09/24/07 02:10 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 13:40 / trs
Radon 222	391	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	78.1	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	09/20/07 02:54 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.20 9/10/07 @1330	temp: 24.9°C	cond: 1497 µS	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	1335	2L	P	1		X	X	X						108962
	Well	W	9/10/07	1335	2L 40ml	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1171	Kristin Fardinatti	9/10/07	1515
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#11

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108962 Checklist Completed By: K Hindmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WATS

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were paired up + preserved.

B ENVIRONMENTA
Victoria, TX 77901
2713 Houston Hwy.
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108963**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1345	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	92.7	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	0.75	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	30.2	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	785	umhos/cm	09/10/2007	13:50	10	KB	EPA 120.1
pH, field	7.30	S.U.	09/10/2007	13:50	N/A	KB	SM 4500-H+ B
Solids, total dissolved	472	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	25.2	C	09/10/2007	13:50	N/A	KB	EPA 170.1
Arsenic, GFAA	0.005	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.06	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-012
Client Sample ID: 108963

Report Date: 09/27/07
Collection Date: 09/10/07 13:45
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.1	pCi/L		1.0	15	E900.0	09/24/07 02:10 / crw
Gross Alpha precision (±)	0.7	pCi/L				E900.0	09/24/07 02:10 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 13:40 / trs
Radon 222	443	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	78.7	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.002	mg/L		0.001	0.03	E200.8	09/20/07 02:50 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-t As Se	Uranium	Radionuclides	pH 7.30 Alk 326	Temp 22°C	Cond. 785	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	1345	2L	P	1		X	X	X						108963
	Well	W	9/10/07	1345	2L, 4Oz	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9/10/07	1171	[signature]	9/10/07	1515
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only
Temp: 4.4 °C
Received Chilled: ☒ Yes ☐ No
Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No
Remarks:

*RUSH TURNAROUND REQUIRES SL ARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#17

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Dist. Date Received: 9/10/07

BE Sample #: 108963 Checklist Completed By: K Hardnette
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water--PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WHS

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were paired up & preserved

2713 Houston Hwy.
B ENVIRONMENTA
Victoria, TX 77901
(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108964**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1423	**Report Date:**	09/25/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	340	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	09/12/2007	17:00	0.03	DT	SM 4110B
Nitrate-N-IC	1.03	mg/L	09/12/2007	17:00	0.02	DT	SM 4110B
Sulfate-IC	35.7	mg/L	09/12/2007	17:00	0.50	DT	SM 4110B
Conductivity, specific	1,438	umhos/cm	09/10/2007	14:20	10	KB	EPA 120.1
pH, field	7.25	S.U.	09/10/2007	14:20	N/A	KB	SM 4500-H+ B
Solids, total dissolved	876	mg/L	09/17/2007	10:30	1	DT	EPA 160.1
temperature (field)	25.3	C	09/10/2007	14:20	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	09/20/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.06	mg/L	09/22/2007	10:21	0.01	WEW	EPA 200.7
Selenium, GFAA	0.003	mg/L	09/20/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	99.9	1.7	20	100	105	70 - 130
Nitrite-N-IC	<0.03	102	2.4	20	101	103	70 - 130
Nitrate-N-IC	<0.02	93.6	0.9	20	98.6	100	70 - 130
Sulfate-IC	<0.5	94.5	1.4	20	105	107	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	13.0	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	101	0.0	20	96.8	96.8	70 - 125
Iron, ICP	<0.01	98.6	1.7	20	97.7	96.0	75 - 125
Selenium, GFAA	<0.003	102	0.8	20	92.8	92.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**108965**
Sample ID:	Well	**Date Received:**	09/10/2007
Date Taken:	09/10/2007	**Time Received:**	15:15
Time Taken:	1420	**Report Date:**	09/11/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Coliform, total	Present	P-A/100 ml	09/10/2007	16:00	P/A	DT	SM 9223 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Coliform, total	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 235.0515 • Fax 307.234.1639 • casper@energy[illegible]om • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07090609-013
Client Sample ID: 108964

Report Date: 09/27/07
Collection Date: 09/10/07 14:23
DateReceived: 09/12/07
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.5	pCi/L		1.0	15	E900.0	09/24/07 02:10 / crw
Gross Alpha precision (±)	1.3	pCi/L				E900.0	09/24/07 02:10 / crw
Radium 226	ND	pCi/L		1.0	5	E903.0	09/24/07 13:40 / trs
Radon 222	284	pCi/L		100		D5072-92	09/15/07 01:23 / dpb
Radon 222 precision (±)	76.2	pCi/L				D5072-92	09/15/07 01:23 / dpb
Uranium	0.004	mg/L		0.001	0.03	E200.8	09/20/07 02:25 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	Total Coliform	pH: 7.25 9/10/07@1420	Temp & Cond: 1438 µS temp 25.3°C	Lab Sample ID (Lab Use Only)
	Well	W	9/10/07	1423	2L	P	1		X	X	X						108964
	Well	W	9/10/07	1423	24.4oz	P, G	4					X	X				1
	Well	W	9/10/07	1420	100ml	P	1							X			108965

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☐ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-10-07	1171	Kurt Zandenatte	9/10/07	1515
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 4.4 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Mice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

#14

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co. GW Date Received: 9/10/07

BE Sample #: 108964-965 Dist. Checklist Completed By: [signature]
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals WAS

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments _____

Action taken to correct problem: Metals were paired off + preserved

2713 Houston Hwy.

B ENVIRONMENTA
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109744**
Sample ID:	Well	**Date Received:**	10/04/2007
Date Taken:	10/04/2007	**Time Received:**	16:45
Time Taken:	1530	**Report Date:**	10/23/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	96.4	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	2.63	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	15.4	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	993	umhos/cm	10/09/2007	14:00	10	SVO	EPA 120.1
Solids, total dissolved	582	mg/L	10/08/2007	13:00	1	DT	EPA 160.1
Arsenic, GFAA	0.010	mg/L	10/12/2007	09:10	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	10/13/2007	10:15	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/12/2007	09:10	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	<10	100	0.0	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	1.0	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	92.8	0.5	20	91.3	90.8	70 - 125
Iron, ICP	<0.01	102	0.0	20	98.1	98.1	75 - 125
Selenium, GFAA	<0.003	101	8.4	20	70.8	77.0	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp As Se	Uranium	Radionuclides					Lab Sample ID (Lab Use Only)
	Well	W	10/4/07	1530	2L	P	1		X	X	X							109744

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10/4/07	1645	[signature]	10/4/07	1645
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Received Chilled: ☐ Yes ☒ No

Temp: ____ °C

Remarks

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

None on page 14

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co GW Date Received: 10-4-07

BE Sample #: 109744 Checklist Completed By: Kim Oktty
Signature

Carrier Name: _____

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	KO 10-5-07 YES	NO	not on ice
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: _____

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: _____

.713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109625**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	0900	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	81.7	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	0.56	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	18.9	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	829	umhos/cm	10/01/2007	08:56	10	KB	EPA 120.1
pH, field	7.26	S.U.	10/01/2007	08:56	N/A	KB	SM 4500-H+ B
Solids, total dissolved	468	mg/L	10/06/2007	12:00	1	DT	EPA 160.1
temperature (field)	25.1	C	10/01/2007	08:56	N/A	KB	EPA 170.1
Arsenic, GFAA	0.012	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.04	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-001
Client Sample ID: 109625

Report Date: 11/03/07
Collection Date: 10/01/07 09:00
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	3.3	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Gross Alpha precision (±)	0.8	pCi/L				E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radon 222	256	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	75.2	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0022	mg/L		0.0003		E200.8	10/06/07 06:52 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH 7.26 10/1/07	temp 25.1°C	cond: 829 µS	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	0900	2L	P	1		X	X	X						109625
	Well	W	10/1/07	0900	2L, 40ml	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	8-1-07	1545	Kristi Landmatte	10/1/07	1545

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☒ No 10/1/07

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ani ce packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad CO.

Date Received: 10/1/21

BE Sample #: 109625

Checklist Completed By: K Zandwatie
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109626**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	0925	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	149	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	0.56	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	34.2	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	1,060	umhos/cm	10/01/2007	09:20	10	KB	EPA 120.1
pH, field	7.11	S.U.	10/01/2007	09:20	N/A	KB	SM 4500-H+ B
Solids, total dissolved	572	mg/L	10/06/2007	12:00	1	DT	EPA 160.1
temperature (field)	24.9	C	10/01/2007	09:20	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black. C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-002
Client Sample ID: 109626

Report Date: 11/03/07
Collection Date: 10/01/07 09:25
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	4.4	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Gross Alpha precision (±)	0.8	pCi/L				E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radon 222	280	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	75.3	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0042	mg/L		0.0003		E200.8	10/06/07 06:56 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Proje		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond NO2 NO3	pH SO4 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.11 10/1/07 @ 0920 Temp: 24.9°C Cond: 1,040 µS	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	0925	2L	P	1	X	X	X				1096261
	Well	W	10/1/07	0925	2x40ml	P,G	4				X	X		

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10/1/07	1131	Ruth Landmatte	10/1/07	1545
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 5.2°C

Received Chilled: ☒ Yes ☒ No 10/1/07

Remarks: Wrap packs

Custody Seal: ☐ Yes ☐ No Intact: ☐ Yes ☐ No

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Galiad Co.

Date Received: 10/1/07

BE Sample #: 109624

Checklist Completed By: K Landmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved.

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109627**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	0958	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	31.4	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	1.64	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	11.9	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	612	umhos/cm	10/01/2007	10:03	10	KB	EPA 120.1
pH, field	7.41	S.U.	10/01/2007	10:03	N/A	KB	SM 4500-H+ B
Solids, total dissolved	332	mg/L	10/06/2007	12:00	1	DT	EPA 160.1
temperature (field)	25.7	C	10/01/2007	10:03	N/A	KB	EPA 170.1
Arsenic, GFAA	0.014	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	1.08	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C A et al (ed) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-003
Client Sample ID: 109627

Report Date: 11/03/07
Collection Date: 10/01/07 09:58
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radon 222	178	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	73.6	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0011	mg/L		0.0003		E200.8	10/06/07 07:00 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.41 10/1/07@1003	Temp: 25.7°C	Cond: 6012 uS	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	0958	2L	P	1		X	X	X						109627
	Well	W	10/1/07	0958	2L, 4oz	P, G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-1-07	1126	Kristi Tardmatte	10/1/07	1545

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☒ No KE 10/1/07

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109627

Checklist Completed By: K Handmaker
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109628**
Sample ID:	Well #1	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1004	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	229	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	1.30	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	31.1	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	1,268	umhos/cm	10/01/2007	10:00	10	KB	EPA 120.1
pH, field	7.29	S.U.	10/01/2007	10:00	N/A	KB	SM 4500-H+ B
Solids, total dissolved	716	mg/L	10/06/2007	12:00	1	DT	EPA 160.1
temperature (field)	24.6	C	10/01/2007	10:00	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.06	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	0.004	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	3.4	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-004
Client Sample ID: 109628

Report Date: 11/03/07
Collection Date: 10/01/07 10:04
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	1.3	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Gross Alpha precision (±)	1	pCi/L				E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radon 222	330	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	75.6	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0036	mg/L		0.0003		E200.8	10/06/07 07:04 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.29 10/1/07 1000	Temp: 24.6°C	Cond: 12.68 mS	Lab Sample ID (Lab Use Only)
	Well #1	W	10/1/07	1004	2L	P	1		X	X	X						109628
	Well #1	W	10/1/07	1004	2L, 40ml	P,G	4					X	X				

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-1-07	1141	Kurt Hendmatte	10/1/07	1545
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☒ No KE 10/1/07

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: nice

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109428

Checklist Completed By: K Tandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109629**
Sample ID:	Well #2	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1122	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	96.2	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	<0.02	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	6.7	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	752	umhos/cm	10/01/2007	11:20	10	KB	EPA 120.1
pH, field	7.50	S.U.	10/01/2007	11:20	N/A	KB	SM 4500-H+ B
Solids, total dissolved	438	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.2	C	10/01/2007	11:20	N/A	KB	EPA 170.1
Arsenic, GFAA	0.003	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	4.49	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-005
Client Sample ID: 109629

Report Date: 11/03/07
Collection Date: 10/01/07 11:22
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radon 222	176	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	72.8	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0004	mg/L		0.0003		E200.8	10/06/07 07:08 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH 7.50 w/1/07 1120	temp. 25.2C	cond. 752 uS	Lab Sample ID (Lab Use Only)
	Well #2	W	10/1/07	1122	2L	P	1		X	X	X						109629
	Well #2	W	10/1/07	1122	2L,40ml	P,G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-1-07	1541	Kurt Zandmatti	10/1/07	1545
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: on a pallet

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gilead Co.

Date Received: 10/1/07

BE Sample #: 109429

Checklist Completed By: K Hindmarsh
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were pH adjusted + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109630**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1145	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	109	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	1.15	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	20.3	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	892	umhos/cm	10/01/2007	11:43	10	KB	EPA 120.1
pH, field	7.08	S.U.	10/01/2007	11:43	N/A	KB	SM 4500-H+ B
Solids, total dissolved	516	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.9	C	10/01/2007	11:43	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-006
Client Sample ID: 109630

Report Date: 11/03/07
Collection Date: 10/01/07 11:45
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.3	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Gross Alpha precision (±)	0.8	pCi/L				E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radon 222	251	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	73.7	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0020	mg/L		0.0003		E200.8	10/06/07 07:33 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.08 10/1/07 1143	Temp: 24.9°C	Cond: 882 ug	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	1145	2L	P	1		X	X	X						109630
	Well	W	10/1/07	1145	2L, 40ml	P.G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-1-07	1141	Kurt Zardinatti	10/1/07	1545

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☒ No Rt 10/1/07

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: micapacks

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gilead Co.

Date Received: 10/1/07

BE Sample #: 109430

Checklist Completed By: K Hardwick
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109631**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1225	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	84.0	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	1.17	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	18.2	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	844	umhos/cm	10/01/2007	12:27	10	KB	EPA 120.1
pH, field	7.15	S.U.	10/01/2007	12:27	N/A	KB	SM 4500-H+ B
Solids, total dissolved	452	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.9	C	10/01/2007	12:27	N/A	KB	EPA 170.1
Arsenic, GFAA	0.004	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	1.56	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-007
Client Sample ID: 109631

Report Date: 11/03/07
Collection Date: 10/01/07 12:25
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radon 222	224	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	73.0	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0020	mg/L		0.0003		E200.8	10/06/07 07:37 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Pr[illegible]	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH 7.15 10/1/07 1207 temp 24.9°C cond 244 µs			Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	1225	2L	P	1		X	X	X						109631
	Well	W	10/1/07	1225	2L 40ml	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-1-07	1541	[signature]	10/1/07	1545
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 5.2 °C

Received/Chilled: ☒ Yes ☒ No [initials] 10/1/07

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Anicepacks

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109631

Checklist Completed By: K Tandmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below.

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____

Regarding: _____

Comments: _____

Action taken to correct problem: Metals were poured off + preserved

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109632**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1247	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	194	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	0.15	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	49.1	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	1,215	umhos/cm	10/01/2007	12:45	10	KB	EPA 120.1
pH, field	7.10	S.U.	10/01/2007	12:45	N/A	KB	SM 4500-H+ B
Solids, total dissolved	622	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.1	C	10/01/2007	12:45	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	1.30	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-008
Client Sample ID: 109632

Report Date: 11/03/07
Collection Date: 10/01/07 12:47
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	7.2	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Gross Alpha precision (±)	1.1	pCi/L				E900.0	10/23/07 22:15 / crw
Radium 226	2.8	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radium 226 precision (±)	0.6	pCi/L				E903.0	10/15/07 12:20 / taj
Radon 222	995	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	82.7	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0045	mg/L		0.0003		E200.8	10/06/07 07:42 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.10 10/1/07 1245	temp: 25.1c	cond: 1.245 ms	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	1247	2L	P	1		X	X	X						109632
	Well	W	10/1/07	1247	2, 4 Vin	P,G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-1-07	1146	Kurt Zundenalli	10/1/07	1545
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☒ No 10/1/07

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109632

Checklist Completed By: K Tandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109633**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1310	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	149	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	2.00	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	20.8	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	1,086	umhos/cm	10/01/2007	13:06	10	KB	EPA 120.1
pH, field	6.95	S.U.	10/01/2007	13:06	N/A	KB	SM 4500-H+ B
Solids, total dissolved	616	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	24.8	C	10/01/2007	13:06	N/A	KB	EPA 170.1
Arsenic, GFAA	0.006	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	<0.01	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-009
Client Sample ID: 109633

Report Date: 11/03/07
Collection Date: 10/01/07 13:10
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.2	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Gross Alpha precision (±)	1.0	pCi/L				E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 12:20 / taj
Radon 222	223	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	72.6	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0016	mg/L		0.0003		E200.8	10/06/07 07:46 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 6.95 10/1/07 1306	Temp: 24.8°C	Cond: 1086 uS	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	1310	2L	P	1		X	X	X						109633
	Well	W	10/1/07	1310	2L 40ml	P,G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-7-07	1141	Kristi Tandmatte	10/1/07	1545
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109633

Checklist Completed By: K Tandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109634**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1355	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	173	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	<0.02	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	40.4	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	1,177	umhos/cm	10/01/2007	13:50	10	KB	EPA 120.1
pH, field	7.04	S.U.	10/01/2007	13:50	N/A	KB	SM 4500-H+ B
Solids, total dissolved	622	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.6	C	10/01/2007	13:50	N/A	KB	EPA 170.1
Arsenic, GFAA	<0.002	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.88	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-010
Client Sample ID: 109634

Report Date: 11/03/07
Collection Date: 10/01/07 13:55
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	11.2	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Gross Alpha precision (±)	1.4	pCi/L				E900.0	10/23/07 22:15 / crw
Radium 226	4.6	pCi/L		0.2		E903.0	10/15/07 13:34 / taj
Radium 226 precision (±)	0.7	pCi/L				E903.0	10/15/07 13:34 / taj
Radon 222	2420	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	97.7	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0034	mg/L		0.0003		E200.8	10/06/07 07:50 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental
Testing
Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS	Cl Cond N02 N03	pH SO4 TDS	Temp-t As Se	Uranium	Radionuclides	pH 7.04 10/1/07 13D	temp 25.0	cond 1177 us	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	1355	2L	P	1	X	X	X						109634
	Well	W	10/1/07	1355	2L,4oz	P,G	4				X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-1-07	1545	[signature]	10/1/07	1545
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks

Original

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109634

Checklist Completed By: K Tandmatti
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy. **B ENVIRONMENTAL** Victoria, TX 77901 (361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109635**
Sample ID:	Well #1	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1415	**Report Date:**	10/16/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	151	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	0.71	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	29.7	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	1,013	umhos/cm	10/09/2007	14:00	10	SVO	EPA 120.1
pH, field	7.02	S.U.	10/01/2007	14:11	N/A	KB	SM 4500-H+ B
Solids, total dissolved	654	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.2	C	10/01/2007	14:11	N/A	KB	EPA 170.1
Arsenic, GFAA	0.006	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.01	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	<10	100	0.0	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-011
Client Sample ID: 109635

Report Date: 11/03/07
Collection Date: 10/01/07 14:15
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 13:34 / taj
Radon 222	197	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	71.7	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0015	mg/L		0.0003		E200.8	10/06/07 07:54 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Proje	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.02 10/1/07 1411	Temp: 25.2°C	Cond: 1,042 uS	Lab Sample ID (Lab Use Only)
	Well #1	W	10/1/07	1415	2L	P	1		X	X	X						109635
	Well #1	W	10/1/07	1415	2L, 40ml	P, G	4					X	X				1

Sampler Name:

Shipment Method:

Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-7-07	1545	Kristi Landmatter	10/1/07	1545

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No

Intact: ☐ Yes ☐ No

Remarks: Nice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109435

Checklist Completed By: K Tandmatti
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109636**
Sample ID:	Well #2	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1420	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	151	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	0.48	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	33.6	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	1,048	umhos/cm	10/01/2007	12:16	10	KB	EPA 120.1
pH, field	7.00	S.U.	10/01/2007	12:16	N/A	KB	SM 4500-H+ B
Solids, total dissolved	602	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.4	C	10/01/2007	12:16	N/A	KB	EPA 170.1
Arsenic, GFAA	0.009	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.23	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	<10	100	0.0	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-012
Client Sample ID: 109636

Report Date: 11/03/07
Collection Date: 10/01/07 14:20
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	10/23/07 22:15 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 13:34 / taj
Radon 222	221	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	72.0	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0014	mg/L		0.0003		E200.8	10/06/07 07:58 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:		BILLING INFORMATION:	
Company:	Goliad Co. GW Cons.	Company:	
Address:	329 W Franklin	Address:	
	Goliad TX 77963		
Contact:	Art Dohmann	Contact:	
Phone:	645-1716	Phone:	
Fax:	645-1772 gcgcd@goliad.net	Fax:	
Project:		PO#:	

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH: 7.00 10/1/07 1216 Temp: 25.4°C Cond: 1,048 uS			Lab Sample ID (Lab Use Only)
	Well-#2	W	10/1/07	1420	2L	P	1		X	X	X						109636
	Well-#2	W	10/1/07	1420	2L, 40ml	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-7-07	1140	[signature]	10/1/07	1545

For Lab Use Only

Temp: 5.2°C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Onicepacks

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Gilead Co.

Date Received: 10/1/07

BE Sample #: 109636

Checklist Completed By: K Hindmarsh
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109637**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1444	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	85.8	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	4.65	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	28.8	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	846	umhos/cm	10/01/2007	14:41	10	KB	EPA 120.1
pH, field	7.01	S.U.	10/01/2007	14:41	N/A	KB	SM 4500-H+ B
Solids, total dissolved	486	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.4	C	10/01/2007	14:41	N/A	KB	EPA 170.1
Arsenic, GFAA	0.008	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.04	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	0.009	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	0.0	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

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LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-013
Client Sample ID: 109637

Report Date: 11/03/07
Collection Date: 10/01/07 14:44
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	8.2	pCi/L		1.0		E900.0	10/24/07 10:23 / crw
Gross Alpha precision (±)	1	pCi/L				E900.0	10/24/07 10:23 / crw
Radium 226	3.2	pCi/L		0.2		E903.0	10/15/07 13:34 / taj
Radium 226 precision (±)	0.6	pCi/L				E903.0	10/15/07 13:34 / taj
Radon 222	1060	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	82.4	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0071	mg/L		0.0003		E200.8	10/06/07 08:11 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-f As Se	Uranium	Radionuclides	pH 7.01 10/1/07 H41	temp: 25 °C	cond: 846 us	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	1444	2L	P	1		X	X	X						109637
	Well	W	10/1/07	1444	2L 4oz	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10/1/07	1131	Kristi Fandinaki	10/1/07	1545

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☒ No KZ 10/1/07

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: Ice packs

*RUSH TURNAROUND REQUIRES SURCHARGE

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109637

Checklist Completed By: K Handmaker
Signature

Carrier Name: BEnvironmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

2713 Houston Hwy.

B ENVIRONMENTAL
Victoria, TX 77901

(361) 572-8224

REPORT OF SAMPLE ANALYSIS

TO: Art Dohmann
Goliad County Ground Water Conservation
329 W Franklin
Goliad, TX 77963

CLIENT INFORMATION		*LABORATORY INFORMATION*	
Project Name:		**LAB Sample #:**	**109638**
Sample ID:	Well	**Date Received:**	10/01/2007
Date Taken:	10/01/2007	**Time Received:**	15:45
Time Taken:	1325	**Report Date:**	10/20/2007

TEST DESCRIPTION	SAMPLE RESULT	UNITS	ANALYZED DATE	ANALYZED TIME	MDL	RUN BY	METHOD USED
Chloride-IC	134	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Nitrite-N-IC	<0.03	mg/L	10/13/2007	12:30	0.03	DT	SM 4110B
Nitrate-N-IC	0.74	mg/L	10/13/2007	12:30	0.02	DT	SM 4110B
Sulfate-IC	36.8	mg/L	10/13/2007	12:30	0.50	DT	SM 4110B
Conductivity, specific	1,024	umhos/cm	10/01/2007	13:30	10	KB	EPA 120.1
pH, field	7.03	S.U.	10/01/2007	13:30	N/A	KB	SM 4500-H+ B
Solids, total dissolved	570	mg/L	10/08/2007	08:00	1	DT	EPA 160.1
temperature (field)	25.1	C	10/01/2007	13:30	N/A	KB	EPA 170.1
Arsenic, GFAA	0.008	mg/L	10/09/2007	09:20	0.002	WEW	SM 3113 B
Iron, ICP	0.05	mg/L	10/08/2007	14:01	0.01	WEW	EPA 200.7
Selenium, GFAA	<0.003	mg/L	10/09/2007	09:20	0.003	WEW	SM 3113 B

Quality Assurance Data

TEST DESCRIPTION	BLANK	LCS % REC	DUP RPD	RPD LIMIT	MS % REC	MSD % REC	% REC LIMITS
Chloride-IC	<0.5	96.9	0.5	20	104	104	70 - 130
Nitrite-N-IC	<0.03	105	0.3	20	99.3	99.0	70 - 130
Nitrate-N-IC	<0.02	101	0.4	20	96.0	95.6	70 - 130
Sulfate-IC	<0.5	92.4	0.0	20	99.3	99.3	70 - 130
Conductivity, specific	N/A	N/A	N/A	20	N/A	N/A	N/A
pH, field	N/A	N/A	N/A	20	N/A	N/A	N/A
Solids, total dissolved	<1	N/A	4.7	20	N/A	N/A	N/A
temperature (field)	N/A	N/A	N/A	20	N/A	N/A	N/A
Arsenic, GFAA	<0.002	93.5	2.8	20	90.8	88.3	70 - 125
Iron, ICP	<0.01	101	0.5	20	93.6	93.1	75 - 125
Selenium, GFAA	<0.003	97.0	2.1	20	83.5	85.3	70 - 125

Approved By:

Kevin Baros
General Manager

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
EPA - EPA Methods for Chemical Analysis of Water & Wastes, EPA-600/4-79-020, 1983
SM - Standard Methods for the Examination of Water & Wastewater, 18th Ed. 1992
SW - EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handbook No. 60

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: B Environmental
Project: Not Indicated
Lab ID: C07100205-014
Client Sample ID: 109638

Report Date: 11/03/07
Collection Date: 10/01/07 13:25
DateReceived: 10/03/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Gross Alpha	2.2	pCi/L		1.0		E900.0	10/24/07 10:23 / crw
Gross Alpha precision (±)	0.9	pCi/L				E900.0	10/24/07 10:23 / crw
Radium 226	ND	pCi/L		0.2		E903.0	10/15/07 13:34 / taj
Radon 222	124	pCi/L		100		D5072-92	10/05/07 16:44 / dpb
Radon 222 precision (±)	71.2	pCi/L				D5072-92	10/05/07 16:44 / dpb
Uranium	0.0020	mg/L		0.0003		E200.8	10/06/07 08:15 / bws

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Environmental Testing Laboratory

Page ____ of ____

CHAIN OF CUSTODY RECORD

REPORT RESULTS TO:	BILLING INFORMATION:
Company: Goliad Co. GW Cons.	Company:
Address: 329 W Franklin	Address:
Goliad TX 77963	
Contact: Art Dohmann	Contact:
Phone: 645-1716	Phone:
Fax: 645-1772 gcgcd@goliad.net	Fax:
Project:	PO#:

Preservative:
1. None
2. H_2SO_4
3. HNO_3
4. N_aOH
5. HCL
6. N_aHSO_4
7. $N_{a2}S_2O_3$
8. Ice
9. ____

Analyses

Sample #	Sample Identification	Matrix	Date	Time	Size	Type	NUMBER OF CONTAINERS		Cl Cond N02 N03	pH S04 TDS	Temp-1 As Se	Uranium	Radionuclides	pH: 7.03	Temp: 25.1°C	Cond: 1.024 uS	Lab Sample ID (Lab Use Only)
	Well	W	10/1/07	1325	2L	P	1		X	X	X						109638
	Well	W	10/1/07	1325	2L,40ml	P,G	4					X	X				1

Sampler Name: | Shipment Method: | Air Bill #:

REQUIRED TURNAROUND * ☐ Same Day (3x charge) * ☐ 24 hr (2x charge) * ☐ 48 hr (1.5x charge) * ☐ 3-5 days (1.2x charge) ☒ Standard 6-10 working days

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10/1/07	1140	Kristi Zandmatti	10/1/07	1545
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

For Lab Use Only

Temp: 5.2 °C

Received Chilled: ☒ Yes ☐ No

Custody Seal: ☐ Yes ☒ No Intact: ☐ Yes ☐ No

Remarks: mice pacis

*RUSH TURNAROUND REQUIRES SURCHARGE

B Environmental · 2713 Houston Hwy · Victoria, TX 77901 · Phone: 361-572-8224 · Fax 361-572-4115 · kbenviro@suddenlinkmail.com

Routine

B Environmental

2713 Houston Hwy.
Victoria, TX 77901

Phone (361) 572-8224
Fax (361) 572-4115

Client Name: Goliad Co.

Date Received: 10/1/07

BE Sample #: 109438

Checklist Completed By: K Handmatin
Signature

Carrier Name: B Environmental

Shipping container/cooler in good condition?	YES	NO	NOT PRESENT
Custody seals intact on shipping container/cooler?	YES	NO	NOT PRESENT
Custody seals intact on sample bottles?	YES	NO	NOT PRESENT
Chain of custody present?	YES	NO	
Chain of custody signed when relinquished and received?	YES	NO	
Chain of custody agrees with sample labels?	YES	NO	
Sample in proper container/bottle?	YES	NO	
Sample containers intact?	YES	NO	
Sufficient sample volume for indicated test?	YES	NO	
All samples received within holding time?	YES	NO	
Container/Temp Blank Temperature in compliance?	YES	NO	
Water–VOA vials have zero head space?	YES	NO	NO VOA VIALS SUBMITTED
Water–PH acceptable upon receipt?	YES	NO	NOT APPLICABLE

ADJUSTED? _____ Checked By: Metals

Any NO response must be detailed in the section below:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
Contacted By: _____
Regarding: _____
Comments: _____

Action taken to correct problem: Metals were poured off + preserved

Info on DCDCD tested wells - sent to UEC 1/16/07

3/2

MW

Well # or Name	Test Paid	Iron Related	Alkalinity	Aluminum	Ammonia	Antimony	Arsenic	Barium	Berylium	Bicarbonate	Boron	Bromide	Cadmium	Calcium	Carbonate	Chloride	Chromium
		Bacteria															
Testing Date 10-27-06																	
	District						ND						ND			174 mg/L	
Fox Road 465' depth																	
28 51.31N 97 19.942W																	
Retesting on 2-13-07	**District**						ND									1850 Mg/L	
	District						0.009						ND			109 mg/L	
FM 1961 80' depth																	
28 51.478N 97 20.708W																	
Retesting on 2-13-07	**District**						0.01									118 Mg/L	
	District						0.002						ND			202 mg/L	
Duderstadt Road 50' deep																	
28 52.53N 97 21.118W																	
UEC - 1-16-07	**UEC**		355		<.1		0.002	ND		433	ND		<.0001	195	0	206	ND
Cond. 1780, pH 6.99																	
Iron Bacteria Testing																	
#6S well 10-9-07	**District**	**9000 CFU/mL**															
	District						0.006						ND			106 mg/L	
Spring - Bluntzer Road																	
28 52.635N 97 20.05W																	
Joe Jacob Well	**District**						<.001						0.0001			165mg/L	
300' depth GF Well																	
			296		ND		ND			361			ND	50.6	ND	146	
UEC Testing 3-20-07	**UEC**																
pH 7.48, Cond.997																	
Testing Date 12-14-06																	
with UEC																	
	District						0.016						ND			276 mg/l	
28 52.267N 97 19.535W																	
House well - Bl. Rd.130'																	
	District						0.004						ND			114 mg/L	

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

CHIEF CLERKS OFFICE
2008 JAN 28 AM 9:36

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PUBLIC MEETING
JAN 24 2003

Well # or Name	Test Paid	Iron Related Bacteria	Alkalinity	Aluminum	Ammonia	Antimony	Arsenic	Barium	Berylium	Bicarbonate	Boron	Bromide	Cadmium	Calcium	Carbonate	Chloride	Chromium
28 52.576N 97 20.025W																	
House well - Bl. Rd.120'																	
	District						ND						ND			104 mg/L	
28 53.094N 97 20.041W																	
House well - Bl. Rd.																	
	District						0.002						ND			61 mg/L	
28 53.056N 97 19.952W																	
House well - Bl. Rd.																	
Testing Date 12-15-06																	
	District						0.001						ND			270 mg/L	
28 52.366N 97 21.412W																	
House well - Bl. Rd.																	
	District						0.003						ND			126 mg/l	
28 52.528N 9721.114W																	
Deep Well - 130' depth																	
UEC 1-16-07	UEC		352		<.1		0.003	ND		429	ND		<.0001	135	0	95	ND
Cond. 1160, pH 7.02																	
4-26-07 well test	District			<.01			<.02	0.399					<.002	169		110	<.005
pH 6.62 Cond. 1055																	
Filter 4-26-07	District			0.01		<.005	<.02	0.389	<.002				<.002	166			<.005
Sediment - 4-26-07	District			1.35		<.005	<.02	0.344	<.002				<.002	95			0.029
Iron Bacteria Testing																	
#7D well 10-9-07	District	9000 CFU/mL															
	District						0.003						ND			172 mg/l	
2852.682N 9720.936W																	
N. of Schrade Property																	
220'depth																	
	District						ND						ND			198 mg/L	
2852.164N 9721.841W																	

Well # or Name	Test Paid	Iron Related Bacteria	Alkalinity	Aluminum	Ammonia	Antimony	Arsenic	Barium	Berylium	Bicarbonate	Boron	Bromide	Cadmium	Calcium	Carbonate	Chloride	Chromium
well NW of house																	
	District						0.007									34 mg/L	
2851.818N 9719.862W																	
House Well - 122' depth																	
Testing Date 12-18-06																	
	District						0.036									257 mgL	
2852.337N 9720.406W																	
House well 100-150'depth																	
	District						0.001									129 mgL	
2852.577N 9721.741W																	
House well 300' depth																	
Retest 4/26/2007	District																
House well																	
pH 6.92 Cond. 933				<.01			0.05	0.09					<.002	93.3		132	<.005
House Filter				1.07		<.005	<.05	0.109	<.005				<.002	96.5			0.01
UEC Test 12-18-06	UEC		269		<.1		0.001	ND		328	ND		<.0001	88	0	131	ND
pH 7.23, Cond. 1080																	
Iron Bacteria Testing																	
#4 well 10-9-07	District	<1 CFU/mL															
#12	District						0.002									165 mgL	
2851.908N 9721.716W																	
House well 120' depth																	
Iron Bacteria Testing																	
#1 well 10-9-07	District	<1 CFU/mL															
4-26-07 Retest	District																
Ph 6.85 Cond. 1052				<.01			<.02	0.062					<.002	112		158	<.005
UEC - 1-16-07	UEC		261		<.1		0.002	ND		318	ND		<.0001	105	0	173	ND
Cond. 1250, pH 7.28																	
#13	District						0.002									161 mg/L	
2851.724N 9720.950W																	
South Well																	
#14	District						ND									403 mgL	

Well # or Name	Test Paid	Iron Related	Alkalinity	Aluminum	Ammonia	Antimony	Arsenic	Barium	Berylium	Bicarbonate	Boron	Bromide	Cadmium	Calcium	Carbonate	Chloride	Chromium
		Bacteria															
2851.483N 9720.631W																	
House well 190'depth																	
#15	**District**						0.01									129 mgL	
2851.408N 9719.975W																	
House well 80'Depth																	
2-13-07 - UEC	**UEC**		262		<.01		<.001	ND		320	ND		<.0001	195	0	468	ND
Cnd. 2400, pH 7.26																	
Testing Date 2-13-07																	
#1	**District**						0.01									118mgL	
2851.494W 9720.707W																	
Parish Hall and Church																	
80' depth																	
#2	**District**						ND									1850mg/L	
2851.308N 9719.942W																	
O & G Sup. Well 465'depth																	
UEC - 2-13-07			240				0.009	ND		293			<.0001	123	0	124	ND
Cond. 988, pH 7.38																	
	District																
2851.954N 9722.199W				<.01			<.02	0.07					<.002	117		190	<.005
House well																	
pH 6.85 Cond. 1,134																	
UEC - 12-19-06 House	**UEC**		256		<.1		0.002	ND		312	ND		<.0001	110	0	178	ND
Cond. 1290, pH 7.39																	
UEC - 12-19-06 well183	**UEC**		254		<.01		0.003	ND		310	ND		<.0001	110	0	178	ND
pH 7.33, cond.1289																	
Iron Bacteria Testing																	
#2 well 10-9-07	**District**	**9000 CFU/mL**															
#8 filter swab 10-9-07	**District**	**9000 CFU/mL**															
	District																
2852.172N 9722.435W				<.01			<.02	0.094					<.002	103		184	<.005
pH 6.85 Cond. 1,032																	

Well # or Name	Test Paid	Iron Related	Alkalinity	Aluminum	Ammonia	Antimony	Arsenic	Barium	Berylium	Bicarbonate	Boron	Bromide	Cadmium	Calcium	Carbonate	Chloride	Chromium
		Bacteria															
House well																	
UEC - 2-14-07	**UEC**		248		<.1		0.002	ND		303	ND		<.0001	105	0	180	ND
Cond. 1220, pH 7.35																	
Iron Bacteria Testing																	
#3 well 10-9-07	**District**	**9000 CFU/mL**															
Testing Date 10-9-07																	
Iron Bacteria Testing																	
14870 Hwy 183 N																	
#5 water well	**District**	**9000 CFU/mL**															
#9 filter swab	**District**	**9000 CFU/mL**															
Test on 6-27-07	**District**			0.063			<.02	0.106					<.002	112		192	<.005
pH7.02, Cond.1306,																	
2850.421N 9718.347W																	

Well # or Name	Cobalt	Copper	Fluoride	Tot. Hard. Hardness	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate	Phosphate	Potassium	Selenium
Testing Date 10-27-06																
					ND	ND			0.002	ND						
Fox Road 465' depth																0.001
28 51.31N 97 19.942W																
Retesting on 2-13-07																
																0.001
					ND	ND			ND	ND						
FM 1961 80' depth																0.006
28 51.478N 97 20.708W																
Retesting on 2-13-07																
																0.007
					0.04	ND			ND	ND						
Duderstadt Road 50' deep																0.006
28 52.53N 97 21.118W																
UEC - 1-16-07		ND	0.27		<.01	<.001		12	<.01	<.0002	<.1	ND	21		3.9	0.004
Cond. 1780, pH 6.99																
Iron Bacteria Testing																
#6S well 10-9-07																
					0.45	ND			0.349	ND						
Spring - Bluntzer Road																0.002
28 52.635N 97 20.05W																
Joe Jacob Well					<.01	0.001			0.01	<.0002						
300' depth GF Well																<.001
			0.05		ND	ND		13.4	0.02	ND	ND		ND		4.6	ND
UEC Testing 3-20-07																
pH 7.48, Cond.997																
Testing Date 12-14-06																
with UEC																
					ND	ND			ND	ND						
28 52.267N 97 19.535W																0.005
House well - Bl. Rd.130'																
					0.07	ND			0.258	ND						ND

6

Well # or Name	Cobalt	Copper	Fluoride	Tot. Hard.	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate	Phosphate	Potassium	Selenium
				Hardness												
28 52.576N 97 20.025W																
House well - Bl. Rd.120'																
					ND	ND			ND	ND						0.002
28 53.094N 97 20.041W																
House well - Bl. Rd.																
					1.15	ND			0.005	ND						ND
28 53.056N 97 19.952W																
House well - Bl. Rd.																
Testing Date 12-15-06																
					0.14	0.001			0.148	ND						ND
28 52.366N 97 21.412W																
House well - Bl. Rd.																
					ND	ND			ND	ND						0.004
28 52.528N 9721.114W																
Deep Well - 130' depth																
UEC 1-16-07		ND	0.26		<.01	<.001		8.3	<.01	<.0002	<.1	ND	11		2.1	0.002
Cond. 1160, pH 7.02																
4-26-07 well test		<.005	0.3	460	<.01	<.01		9.22		<.0002			12.5	0.3		<.03
pH 6.62 Cond. 1055																
Filter 4-26-07		<.005			0.45	<.01		8.99	<.005		<.007	<.007			2.02	<.03
Sediment - 4-26-07		0.185			24.8	<.01		8.17	0.109		<.007	<.007			2.11	<.03
Iron Bacteria Testing																
#7D well 10-9-07																
					ND	ND			0.001	ND						0.003
2852.682N 9720.936W																
N. of Schrade Property																
220'depth																
					0.04	ND			0.006	ND						0.003
2852.164N 9721.841W																

7

Well # or Name	Cobalt	Copper	Fluoride	Tot. Hard.	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate	Phosphate	Potassium	Selenium
				Hardness												
well NW of house																
																0.004
2851.818N 9719.862W																
House Well - 122' depth																
Testing Date 12-18-06																
																0.01
2852.337N 9720.406W																
House well 100-150'depth																
																0.005
2852.577N 9721.741W																
House well 300' depth																
Retest 4/26/2007																
House well																
pH 6.92 Cond. 933		<.005		301	<.01	<.01		16.5		<.0002			1.2	0.38		<0.03
House Filter	<.005	0.04			5.55	<.01		16.2	0.026		<.01	<.007			3.41	<.03
UEC Test 12-18-06		ND	0.51		<.01	<.001		16	<.01	<.0002	<.1	ND	2		3.5	0.002
pH 7.23, Cond. 1080																
Iron Bacteria Testing																
#4 well 10-9-07																
#12																0.002
2851.908N 9721.716W																
House well 120' depth																
Iron Bacteria Testing																
#1 well 10-9-07																
4-26-07 Retest																
Ph 6.85 Cond. 1052		<.005	0.5	357	<.01	<.01		18.8		<.0002			0.7	0.24		<.03
UEC - 1-16-07		ND	0.62		<.01	<.001		19	<.01	<.0002	<.1	ND	0.6		3	0.001
Cond. 1250, pH 7.28																
#13																0.016
2851.724N 9720.950W																
South Well																
#14																0.005

Well # or Name	Cobalt	Copper	Fluoride	Tot. Hard.	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate	Phosphate	Potassium	Selenium
				Hardness												
House well																
UEC - 2-14-07		ND	0.57		0.03	<.001		19	<.01	<.0002	<.1	ND	1.6		3.6	0.002
Cond. 1220, pH 7.35																
Iron Bacteria Testing																
#3 well 10-9-07																
Testing Date 10-9-07																
Iron Bacteria Testing																
14870 Hwy 183 N																
#5 water well																
#9 filter swab																
Test on 6-27-07		0.02	<.05		0.03	<.01		23.3		<.0002			7.2	<10		<.03
pH7.02, Cond.1306,																
2850.421N 9718.347W																

Well # or Name	Silica	Silver	Sodium	Strontium	Sulfate	TDS	Thalium	Vanadium	Zinc	Uranium	Gross Alpha	Gross Beta	Radon 222	Radium 226
Testing Date 10-27-06														
					8	500				ND	6.8/.6 pCi/L		711/68.8 pCi/L	.3 pCi/L
Fox Road 465' depth														
28 51.31N 97 19.942W														
Retesting on 2-13-07					19	612				ND	2.0/.4 pCi/L		653/49.3 pCi/L	ND
					27	730				0.0034	6.2/.6 pCi/L		114/60.7 pCi/L	.4/.3 pCi/L
FM 1961 80' depth														
28 51.478N 97 20.708W														
Retesting on 2-13-07					29	708				0.0033	5.3/.4 pCi/L		170/43.3 p Ci/L	ND
					68	830				0.0039	10.4/.6 pCi/L		241/62.2 pCi/L	.2/.3 pCi/L
Duderstadt Road 50' deep														
28 52.53N 97 21.118W														
UEC - 1-16-07	37	ND	104		72	857		ND	ND	0.002	0		NT	.3/.1
Cond. 1780, pH 6.99														
Iron Bacteria Testing														
#6S well 10-9-07														
					5	390				ND	8.3/.7pCi/L		ND	.2/.3pCi/L
Spring - Bluntzer Road														
28 52.635N 97 20.05W														
Joe Jacob Well					11	573				<.001	0		not tested	10 pCi/L
300' depth GF Well														
	21.7				19	504				0.0005	NT		NT	2.4/.6
UEC Testing 3-20-07														
pH 7.48, Cond.997														
Testing Date 12-14-06														
with UEC														
					118	980				0.0039	2.4/.6 pCi/L		237/70.6 pCi/L	ND
28 52.267N 97 19.535W														
House well - Bl. Rd.130'														
					7	530				0.0004	2.4/.5 pCi/L		234/69.7 pCi/L	ND

Well # or Name	Silica	Silver	Sodium	Strontium	Sulfate	TDS	Thalium	Vanadium	Zinc	Uranium	Gross Alpha	Gross Beta	Radon 222	Radium 226
28 52.576N 97 20.025W														
House well - Bl. Rd.120'														
					21	480				0.0114	10.2/.7 pCi/L		232/69.2 pCi/L	ND
28 53.094N 97 20.041W														
House well - Bl. Rd.														
					13	410				0.001	3.4/.5 pCi/L		111/67.1 pCi/L	ND
28 53.056N 97 19.952W														
House well - Bl. Rd.														
Testing Date 12-15-06														
					498	1300				0.0027	6.4/.8 pCi/L		604/63.9 pCi/L	1.2/.4 pCi/L
28 52.366N 97 21.412W														
House well - Bl. Rd.														
					27	600				0.0045	3.7/.5 pCi/L		195/58.1 pCi/L	.4/.3 pCi/L
28 52.528N 9721.114W														
Deep Well - 130' depth														
UEC 1-16-07	37	ND	68		27	630		ND	ND	0.005	0	0	NT	.3/.1
Cond. 1160, pH 7.02														
4-26-07 well test		0.007	84		42	527								
pH 6.62 Cond. 1055														
Filter 4-26-07		<.007	78.1				<.02	0.25	0.007					
Sediment - 4-26-07		<.007	68.6				<.02	0.093	0.112					
Iron Bacteria Testing														
#7D well 10-9-07														
					35	590				0.0032	3.9/.5 pCi/L		258/70 pCi/L	ND
2852.682N 9720.936W														
N. of Schrade Property														
220'depth														
					40	630				0.0026	7.1/.6 pCi/L		508/61 pCi/L	.5/.3 pCi/L
2852.164N 9721.841W														

Well # or Name	Silica	Silver	Sodium	Strontium	Sulfate	TDS	Thalium	Vanadium	Zinc	Uranium	Gross Alpha	Gross Beta	Radon 222	Radium 226
well NW of house														
					21	468				0.0016	5.4/.7 pCi/L		372/147 pCi/L	ND
2851.818N 9719.862W														
House Well - 122' depth														
Testing Date 12-18-06														
					103	1010				0.004	901/.9 pCi/L		274/147 pCi/L	ND
2852.337N 9720.406W														
House well 100-150'depth														
					42	562				0.0032	7/.7 pCi/L		378/149 pCi/L	ND
2852.577N 9721.741W														
House well 300' depth														
Retest 4/26/2007														
House well														
pH 6.92 Cond. 933		<.007	124		47	467								
House Filter		<.007	120				<.02	0.052	0.128					
UEC Test 12-18-06	31	ND	99		38	600		ND	ND	0.003	0	0	NT	.7/.1
pH 7.23, Cond. 1080														
Iron Bacteria Testing														
#4 well 10-9-07														
#12					58	684				0.0038	8/.7 pCi/L		500/154 pCi/L	.7/.3 pCi/L
2851.908N 9721.716W														
House well 120' depth														
Iron Bacteria Testing														
#1 well 10-9-07														
4-26-07 Retest														
Ph 6.85 Cond. 1052		<.007	117		64	526								
UEC - 1-16-07	42	ND	96		55	646		<.01	<.0002	0.003	0		ND	1.1/.1
Cond. 1250, pH 7.28														
#13					60	616				ND	70.3/1.4 pCi/L		14700/288 pCi/L	28.6/1./8 pCi/L
2851.724N 9720.950W														
South Well														
#14					107	1210				0.0005	189/2.4 pCi/L		17200/298 pCi/L	96.2/3.4 pCi/L

Well # or Name	Silica	Silver	Sodium	Strontium	Sulfate	TDS	Thallium	Vanadium	Zinc	Uranium	Gross Alpha	Gross Beta	Radon 222	Radium 226
2851.483N 9720.631W														
House well 190'depth														
#15					36	572				0.0064	40/1.2 pCi/L		3150/179 pCi/L	12/1.2 pCi/L
2851.408N 9719.975W														
House well 80'Depth														
2-13-07 - UEC	38	ND	198		84	1280		ND	ND	<.001	ND	ND	NT	15/1
Cnd. 2400, pH 7.26														
Testing Date 2-13-07														
#1					29	708				0.0033	5.3/.4pCi/L	3.2/1.4 pCiL	170/43.3 pCi/L	ND
2851.494W 9720.707W														
Parish Hall and Church														
80' depth														
#2					19	612				ND	2.0/.4 pCi/L	ND	653/49.3 pCi/L	ND
2851.308N 9719.942W														
O & G Sup. Well 465'depth														
UEC - 2-13-07	42	ND	49		35	543				0.004	0	0		1-Dec
Cond. 988, pH 7.38														
2851.954N 9722.199W		<.007	128		70	566								
House well														
pH 6.85 Cond. 1,134														
UEC - 12-19-06 House	40	ND	105		60	685		ND	ND	0.002	ND	ND	NT	.6/.1
Cond. 1290, pH 7.39														
UEC - 12-19-06 well183	42	ND	110		60	665		ND	ND	0.002	ND	ND	NT	1/.1
pH 7.33, cond.1289														
Iron Bacteria Testing														
#2 well 10-9-07														
#8 filter swab 10-9-07														
2852.172N 9722.435W		<.007	118		46	516								
pH 6.85 Cond. 1,032														

Well # or Name	Silica	Silver	Sodium	Strontium	Sulfate	TDS	Thalium	Vanadium	Zinc	Uranium	Gross Alpha	Gross Beta	Radon 222	Radium 226
House well														
UEC - 2-14-07	38	ND			37	693		ND	ND	0.002	ND	ND	NT	.4/.1
Cond. 1220, pH 7.35														
Iron Bacteria Testing														
#3 well 10-9-07														
Testing Date 10-9-07														
Iron Bacteria Testing														
14870 Hwy 183 N														
#5 water well														
#9 filter swab														
Test on 6-27-07		<.007	130		49.2	654								
pH7.02, Cond.1306,														
2850.421N 9718.347W														

SAN ANTONIO RIVER AUTHORITY
Water Brings Us Together
100 E. Guenther Street
P.O. Box 839980
San Antonio, TX 78283-9980

Environmental Services Department Laboratory

ANALYTICAL REPORT

December 08, 2006

LRB Result for Nitrite as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrite as N	95.3	%		90	---	110
LCSD Recovery for Nitrite as N	95.2	%		90	---	110
LCS/LCSD RPD for Nitrite as N	0.1	%		0.0	---	20
MS Recovery for Nitrite as N	94.6	%		90	---	110
MSD Recovery for Nitrite as N	94.3	%		90	---	110
Sample RPD for Nitrite as N	0.0	%		0.0	---	20

QC Batch Name: SULFATE-6190

				Acceptance Criteria		
QC Analyte Name	**Result**	**Units**	**Qualifier**	**Lower**	**Target**	**Upper**
RL Recovery for Sulfate	99.3	%		75	---	125
LRB Result for Sulfate	<10.0	mg/L		---	---	10
LCS Recovery for Sulfate	97.8	%		90	---	110
LCSD Recovery for Sulfate	97.7	%		90	---	110
LCS/LCSD RPD for Sulfate	0.0	%		0.0	---	20
MS Recovery for Sulfate	92.5	%		90	---	110
MSD Recovery for Sulfate	98.1	%		90	---	110
Sample RPD for Sulfate	4.2	%		0.0	---	20

QC Batch Name: TDS-6152

				Acceptance Criteria		
QC Analyte Name	**Result**	**Units**	**Qualifier**	**Lower**	**Target**	**Upper**
LRB Result for TDS	<10.0	mg/L		---	---	10
LCS Recovery for TDS	100.8	%		80	---	120
LCSD Recovery for TDS	100.3	%		80	---	120
LCS/LCSD RPD for TDS	0.5	%		0.0	---	20
Sample RPD for TDS	2.5	%		0.0	---	20

QC Batch Name: TOC-6416

				Acceptance Criteria		
QC Analyte Name	**Result**	**Units**	**Qualifier**	**Lower**	**Target**	**Upper**
RL Recovery for TOC	102.4	%		75	---	125
LRB Result for TOC	<2.0	mg/L		---	---	2
Field Splits RPD for TOC	3.7	%		---	---	30
Field Splits RPD for TOC	1.7	%		---	---	30
LCS Recovery for TOC	105.9	%		80	---	120
LCSD Recovery for TOC	105.0	%		80	---	120

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-005
Client Sample ID: AA18481B-G Well 13

Report Date: 01/17/07
Collection Date: 12/18/06 14:15
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	161	mg/L		1		A4500-Cl B	12/27/06 11:20 / jl
Sulfate	60	mg/L		1		A4500-SO4 E	12/26/06 10:47 / ljl
PHYSICAL PROPERTIES							
Conductivity	1140	umhos/cm		1.0		A2510 B	12/22/06 14:29 / jaj
pH	7.56	s.u.		0.01		A4500-H B	12/22/06 14:29 / jaj
Solids, Total Dissolved TDS @ 180 C	616	mg/L		10		A2540 C	12/22/06 14:05 / tlh
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	12/29/06 18:53 / bas
Selenium	0.016	mg/L	D	0.002		E200.8	12/29/06 18:53 / bas
Uranium	ND	mg/L		0.0003		E200.8	12/29/06 18:53 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	70.3	pCi/L		1.0		E900.0	01/06/07 11:50 / res
Gross Alpha precision (±)	1.4	pCi/L				E900.0	01/06/07 11:50 / res
Gross Beta	28.0	pCi/L		2.0		E900.0	01/06/07 11:50 / res
Gross Beta precision (±)	1.8	pCi/L				E900.0	01/06/07 11:50 / res
Radium 226	28.6	pCi/L		0.2		E903.0	01/14/07 15:33 / trs
Radium 226 precision (±)	1.8	pCi/L				E903.0	01/14/07 15:33 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	14700	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	288	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-002
Client Sample ID: AA18478B-G Well 10

Report Date: 01/17/07
Collection Date: 12/18/06 10:30
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	257	mg/L		1		A4500-Cl B	12/27/06 11:17 / jl
Sulfate	103	mg/L	D	1		A4500-SO4 E	12/26/06 10:40 / ljl
PHYSICAL PROPERTIES							
Conductivity	1680	umhos/cm		1.0		A2510 B	12/23/06 16:04 / ljl
pH	7.48	s.u.		0.01		A4500-H B	12/23/06 16:04 / ljl
Solids, Total Dissolved TDS @ 180 C	1010	mg/L		10		A2540 C	12/23/06 16:21 / ljl
METALS - TOTAL							
Arsenic	0.036	mg/L		0.001		E200.8	12/29/06 18:39 / bas
Selenium	0.010	mg/L		0.001		E200.8	12/29/06 18:39 / bas
Uranium	0.0040	mg/L		0.0003		E200.8	12/29/06 18:39 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	9.1	pCi/L		1.0		E900.0	01/07/07 04:47 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	01/07/07 04:47 / res
Gross Beta	2.6	pCi/L		2.0		E900.0	01/07/07 04:47 / res
Gross Beta precision (±)	1.8	pCi/L				E900.0	01/07/07 04:47 / res
Radium 226	ND	pCi/L		0.2		E903.0	01/14/07 12:31 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	274	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	147	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-003
Client Sample ID: AA18479B-G Well 11

Report Date: 01/17/07
Collection Date: 12/18/06 12:10
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	129	mg/L		1		A4500-Cl B	12/27/06 11:18 / jl
Sulfate	42	mg/L		1		A4500-SO4 E	12/26/06 10:42 / ljl
PHYSICAL PROPERTIES							
Conductivity	998	umhos/cm		1.0		A2510 B	12/23/06 16:06 / ljl
pH	7.51	s.u.		0.01		A4500-H B	12/23/06 16:06 / ljl
Solids, Total Dissolved TDS @ 180 C	562	mg/L		10		A2540 C	12/23/06 16:21 / ljl
METALS - TOTAL							
Arsenic	0.001	mg/L		0.001		E200.8	12/29/06 15:10 / bas
Selenium	0.005	mg/L		0.001		E200.8	12/29/06 15:10 / bas
Uranium	0.0032	mg/L		0.0003		E200.8	12/29/06 15:10 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	7.0	pCi/L		1.0		E900.0	01/06/07 11:50 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	01/06/07 11:50 / res
Gross Beta	6.1	pCi/L		2.0		E900.0	01/06/07 11:50 / res
Gross Beta precision (±)	1.5	pCi/L				E900.0	01/06/07 11:50 / res
Radium 226	ND	pCi/L		0.2		E903.0	01/14/07 13:32 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	378	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	149	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-004
Client Sample ID: AA18480B-G Well 12

Report Date: 01/17/07
Collection Date: 12/18/06 13:05
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	165	mg/L		1		A4500-Cl B	12/27/06 11:19 / jl
Sulfate	58	mg/L		1		A4500-SO4 E	12/26/06 10:44 / ljl
PHYSICAL PROPERTIES							
Conductivity	1140	umhos/cm		1.0		A2510 B	12/22/06 14:27 / jaj
pH	7.68	s.u.		0.01		A4500-H B	12/22/06 14:27 / jaj
Solids, Total Dissolved TDS @ 180 C	684	mg/L		10		A2540 C	12/22/06 14:04 / tlh
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	12/29/06 18:46 / bas
Selenium	0.002	mg/L		0.001		E200.8	12/29/06 18:46 / bas
Uranium	0.0038	mg/L		0.0003		E200.8	12/29/06 18:46 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	8.0	pCi/L		1.0		E900.0	01/06/07 11:50 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	01/06/07 11:50 / res
Gross Beta	5.1	pCi/L		2.0		E900.0	01/06/07 11:50 / res
Gross Beta precision (±)	1.5	pCi/L				E900.0	01/06/07 11:50 / res
Radium 226	0.7	pCi/L		0.2		E903.0	01/14/07 14:32 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	01/14/07 14:32 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	500	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	154	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06120717-008
Client Sample ID: AA18374 B-G Well 8

Report Date: 01/08/07
Collection Date: 12/15/06 13:00
DateReceived: 12/16/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	252	mg/L		1		A2320 B	12/18/06 09:19 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	12/18/06 09:19 / jaj
Bicarbonate as HCO3	307	mg/L		1		A2320 B	12/18/06 09:19 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	12/18/06 09:19 / jaj
Calcium	101	mg/L		0.5		E200.7	01/02/07 17:54 / cp
Chloride	198	mg/L		1		E200.7	01/02/07 17:54 / cp
Magnesium	17.6	mg/L		0.5		E200.7	01/02/07 17:54 / cp
Potassium	2.96	mg/L	D	0.08		E200.7	01/02/07 17:54 / cp
Silica	36.8	mg/L		0.1		E200.7	01/02/07 16:12 / cp
Sodium	87.0	mg/L		0.5		E200.7	01/02/07 17:54 / cp
Sulfate	40	mg/L		1		E200.7	01/02/07 17:54 / cp
PHYSICAL PROPERTIES							
Conductivity	1040	umhos/cm		1.0		A2510 B	12/18/06 11:34 / ijl
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	630	mg/L				Calculation	01/08/07 09:32 / dab
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	12/18/06 21:46 / bas
Cadmium	ND	mg/L		0.0005		E200.8	12/18/06 21:46 / bas
Iron	0.04	mg/L		0.03		E200.7	01/02/07 17:54 / cp
Lead	ND	mg/L		0.001		E200.8	12/18/06 21:46 / bas
Manganese	0.006	mg/L		0.001		E200.8	12/18/06 21:46 / bas
Mercury	ND	mg/L		0.0005		E200.8	12/18/06 21:46 / bas
Molybdenum	0.001	mg/L		0.001		E200.8	12/18/06 21:46 / bas
Selenium	0.003	mg/L		0.001		E200.8	12/18/06 21:46 / bas
Uranium	0.0026	mg/L		0.0003		E200.8	12/18/06 21:46 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	7.1	pCi/L		1.0		E900.0	12/31/06 00:58 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	12/31/06 00:58 / res
Radium 226	0.5	pCi/L		0.2		E903.0	01/02/07 13:27 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	01/02/07 13:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	12/28/06 17:49 / pj
Radon 222	508	pCi/L		100		D5072-92	12/18/06 12:19 / dpb
Radon 222 precision (±)	61.0	pCi/L				D5072-92	12/18/06 12:19 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-001
Client Sample ID: AA18477B-G Well 9

Report Date: 01/17/07
Collection Date: 12/18/06 09:35
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	34	mg/L		1		A4500-Cl B	12/27/06 11:15 / jl
Sulfate	21	mg/L		1		A4500-SO4 E	12/26/06 10:38 / ljl
PHYSICAL PROPERTIES							
Conductivity	751	umhos/cm		1.0		A2510 B	12/23/06 16:01 / ljl
pH	7.68	s.u.		0.01		A4500-H B	12/23/06 16:01 / ljl
Solids, Total Dissolved TDS @ 180 C	468	mg/L		10		A2540 C	12/23/06 16:20 / ljl
METALS - TOTAL							
Arsenic	0.007	mg/L		0.001		E200.8	12/29/06 15:02 / bas
Selenium	0.004	mg/L		0.001		E200.8	12/29/06 15:02 / bas
Uranium	0.0016	mg/L		0.0003		E200.8	12/29/06 15:02 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	5.4	pCi/L		1.0		E900.0	01/06/07 11:51 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	01/06/07 11:51 / res
Gross Beta	3.6	pCi/L		2.0		E900.0	01/06/07 11:51 / res
Gross Beta precision (±)	1.5	pCi/L				E900.0	01/06/07 11:51 / res
Radium 226	ND	pCi/L		0.2		E903.0	01/14/07 11:31 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	372	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	147	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-007
Client Sample ID: AA18483B-G Well 15

Report Date: 01/17/07
Collection Date: 12/18/06 15:45
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	129	mg/L		1		A4500-Cl B	12/27/06 11:23 / jl
Sulfate	36	mg/L		1		A4500-SO4 E	12/26/06 10:51 / ijl
PHYSICAL PROPERTIES							
Conductivity	928	umhos/cm		1.0		A2510 B	12/22/06 14:36 / jaj
pH	7.35	s.u.		0.01		A4500-H B	12/22/06 14:36 / jaj
Solids, Total Dissolved TDS @ 180 C	572	mg/L		10		A2540 C	12/22/06 14:07 / tlh
METALS - TOTAL							
Arsenic	0.010	mg/L		0.001		E200.8	12/29/06 19:08 / bas
Selenium	0.015	mg/L		0.001		E200.8	12/29/06 19:08 / bas
Uranium	0.0064	mg/L		0.0003		E200.8	12/29/06 19:08 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	40.0	pCi/L		1.0		E900.0	01/06/07 11:51 / res
Gross Alpha precision (±)	1.2	pCi/L				E900.0	01/06/07 11:51 / res
Gross Beta	13.1	pCi/L		2.0		E900.0	01/06/07 11:51 / res
Gross Beta precision (±)	1.6	pCi/L				E900.0	01/06/07 11:51 / res
Radium 226	12.0	pCi/L		0.2		E903.0	01/14/07 17:27 / trs
Radium 226 precision (±)	1.2	pCi/L				E903.0	01/14/07 17:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	3150	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	179	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06120717-007
Client Sample ID: AA18373 B-G Well 7

Report Date: 01/08/07
Collection Date: 12/15/06 11:00
DateReceived: 12/16/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	240	mg/L		1		A2320 B	12/18/06 09:18 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	12/18/06 09:18 / jaj
Bicarbonate as HCO3	293	mg/L		1		A2320 B	12/18/06 09:18 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	12/18/06 09:18 / jaj
Calcium	90.2	mg/L		0.5		E200.7	01/02/07 17:51 / cp
Chloride	172	mg/L		1		E200.7	01/02/07 16:09 / cp
Magnesium	14.2	mg/L		0.5		E200.7	01/02/07 17:51 / cp
Potassium	3.89	mg/L	D	0.08		E200.7	01/02/07 17:51 / cp
Silica	32.4	mg/L		0.1		E200.7	01/02/07 16:09 / cp
Sodium	94.7	mg/L		0.5		E200.7	01/02/07 17:51 / cp
Sulfate	35	mg/L		1		E200.7	01/02/07 17:51 / cp
PHYSICAL PROPERTIES							
Conductivity	1150	umhos/cm		1.0		A2510 B	12/18/06 11:32 / ljl
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	590	mg/L				Calculation	01/08/07 09:32 / dab
METALS - TOTAL							
Arsenic	0.003	mg/L		0.001		E200.8	12/18/06 21:40 / bas
Cadmium	ND	mg/L		0.0005		E200.8	12/18/06 21:40 / bas
Iron	ND	mg/L		0.03		E200.7	01/02/07 17:51 / cp
Lead	ND	mg/L		0.001		E200.8	12/18/06 21:40 / bas
Manganese	0.001	mg/L		0.001		E200.8	12/18/06 21:40 / bas
Mercury	ND	mg/L		0.0005		E200.8	12/18/06 21:40 / bas
Molybdenum	0.002	mg/L		0.001		E200.8	12/18/06 21:40 / bas
Selenium	0.003	mg/L		0.001		E200.8	12/18/06 21:40 / bas
Uranium	0.0032	mg/L		0.0003		E200.8	12/18/06 21:40 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	3.9	pCi/L		1.0		E900.0	12/31/06 00:58 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	12/31/06 00:58 / res
Radium 226	ND	pCi/L		0.2		E903.0	01/02/07 13:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	12/28/06 17:49 / pj
Radon 222	258	pCi/L		100		D5072-92	12/18/06 12:19 / dpb
Radon 222 precision (±)	70.0	pCi/L				D5072-92	12/18/06 12:19 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-006
Client Sample ID: AA18482B-G Well 14

Report Date: 01/17/07
Collection Date: 12/18/06 14:50
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	403	mg/L		1		A4500-Cl B	12/27/06 11:21 / jl
Sulfate	107	mg/L	D	1		A4500-SO4 E	12/26/06 10:49 / ljl
PHYSICAL PROPERTIES							
Conductivity	2040	umhos/cm		1.0		A2510 B	12/22/06 14:32 / jaj
pH	7.46	s.u.		0.01		A4500-H B	12/22/06 14:32 / jaj
Solids, Total Dissolved TDS @ 180 C	1210	mg/L		10		A2540 C	12/22/06 14:06 / tlh
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	12/29/06 19:01 / bas
Selenium	0.005	mg/L		0.001		E200.8	12/29/06 19:01 / bas
Uranium	0.0005	mg/L		0.0003		E200.8	12/29/06 19:01 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	189	pCi/L		1.0		E900.0	01/07/07 04:47 / res
Gross Alpha precision (±)	2.4	pCi/L				E900.0	01/07/07 04:47 / res
Gross Beta	62.2	pCi/L		2.0		E900.0	01/07/07 04:47 / res
Gross Beta precision (±)	2.8	pCi/L				E900.0	01/07/07 04:47 / res
Radium 226	96.2	pCi/L		0.2		E903.0	01/14/07 16:27 / trs
Radium 226 precision (±)	3.4	pCi/L				E903.0	01/14/07 16:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	17200	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	298	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

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Environmental Services Department Laboratory

PRELIMINARY ANALYTICAL REPORT

December 22, 2006

The data to create this preliminary report has not been validated.

QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUA-6711

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
Initial Blank for E. coli	Absent			---	Absent	---
Log Range for E. coli	0.0000			0.0	---	0.5

QC Batch Name: NITRATE-6781

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrate as N	108.0	%		75	---	125
LRB Result for Nitrate as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrate as N	102.9	%		90	---	110
LCSD Recovery for Nitrate as N	103.4	%		90	---	110
LCS/LCSD RPD for Nitrate as N	0.5	%		0.0	---	20
MS Recovery for Nitrate as N	99.1	%	*	90	---	110
MSD Recovery for Nitrate as N	98.4	%	*	90	---	110
Sample RPD for Nitrate as N	0.1	%		0.0	---	20

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06120717-001
Client Sample ID: AA18339 B-G Well 1

Report Date: 01/08/07
Collection Date: 12/14/06 09:00
DateReceived: 12/16/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	320	mg/L		1		A2320 B	12/18/06 09:01 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	12/18/06 09:01 / jaj
Bicarbonate as HCO3	391	mg/L		1		A2320 B	12/18/06 09:01 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	12/18/06 09:01 / jaj
Calcium	146	mg/L	D	2		E200.7	01/02/07 15:26 / cp
Chloride	278	mg/L		1		E200.7	01/02/07 15:26 / cp
Magnesium	15.3	mg/L		0.5		E200.7	01/02/07 17:41 / cp
Potassium	3.08	mg/L	D	0.08		E200.7	01/02/07 17:41 / cp
Silica	51.0	mg/L		0.1		E200.7	01/02/07 15:26 / cp
Sodium	174	mg/L	D	3		E200.7	01/02/07 15:26 / cp
Sulfate	118	mg/L		1		E200.7	01/02/07 17:41 / cp
PHYSICAL PROPERTIES							
Conductivity	1720	umhos/cm		1.0		A2510 B	12/18/06 11:20 / ljl
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	980	mg/L				Calculation	01/08/07 09:32 / dab
METALS - TOTAL							
Arsenic	0.016	mg/L		0.001		E200.8	12/18/06 20:12 / bas
Cadmium	ND	mg/L		0.0005		E200.8	12/18/06 20:12 / bas
Iron	ND	mg/L		0.03		E200.7	01/02/07 17:41 / cp
Lead	ND	mg/L		0.001		E200.8	12/18/06 20:12 / bas
Manganese	ND	mg/L		0.001		E200.8	12/18/06 20:12 / bas
Mercury	ND	mg/L		0.0005		E200.8	12/18/06 20:12 / bas
Molybdenum	0.001	mg/L		0.001		E200.8	12/18/06 20:12 / bas
Selenium	0.005	mg/L		0.001		E200.8	12/18/06 20:12 / bas
Uranium	0.0039	mg/L		0.0003		E200.8	12/18/06 20:12 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	2.4	pCi/L		1.0		E900.0	12/30/06 12:29 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	12/30/06 12:29 / res
Radium 226	ND	pCi/L		0.2		E903.0	01/02/07 13:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	12/28/06 16:46 / pj
Radon 222	237	pCi/L		100		D5072-92	12/18/06 12:19 / dpb
Radon 222 precision (±)	70.6	pCi/L				D5072-92	12/18/06 12:19 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06120717-002
Client Sample ID: AA18340 B-G-Well 2

Report Date: 01/08/07
Collection Date: 12/14/06 10:40
DateReceived: 12/16/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	300	mg/L		1		A2320 B	12/18/06 09:10 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	12/18/06 09:10 / jaj
Bicarbonate as HCO3	366	mg/L		1		A2320 B	12/18/06 09:10 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	12/18/06 09:10 / jaj
Calcium	107	mg/L		0.5		E200.7	01/02/07 15:36 / cp
Chloride	114	mg/L		1		E200.7	01/02/07 15:36 / cp
Magnesium	14.8	mg/L		0.5		E200.7	01/02/07 15:36 / cp
Potassium	2.07	mg/L	D	0.08		E200.7	01/02/07 15:36 / cp
Silica	42.2	mg/L		0.1		E200.7	01/02/07 15:36 / cp
Sodium	62.1	mg/L		0.5		E200.7	01/02/07 15:36 / cp
Sulfate	7	mg/L		1		E200.7	01/02/07 15:36 / cp
PHYSICAL PROPERTIES							
Conductivity	921	umhos/cm		1.0		A2510 B	12/18/06 11:22 / ljl
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	530	mg/L				Calculation	01/08/07 09:32 / dab
METALS - TOTAL							
Arsenic	0.004	mg/L		0.001		E200.8	12/18/06 20:19 / bas
Cadmium	ND	mg/L		0.0005		E200.8	12/18/06 20:19 / bas
Iron	0.07	mg/L		0.03		E200.7	01/02/07 15:36 / cp
Lead	ND	mg/L		0.001		E200.8	12/18/06 20:19 / bas
Manganese	0.258	mg/L		0.001		E200.8	12/18/06 20:19 / bas
Mercury	ND	mg/L		0.0005		E200.8	12/18/06 20:19 / bas
Molybdenum	0.001	mg/L		0.001		E200.8	12/18/06 20:19 / bas
Selenium	ND	mg/L		0.001		E200.8	12/18/06 20:19 / bas
Uranium	0.0004	mg/L		0.0003		E200.8	12/18/06 20:19 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	2.4	pCi/L		1.0		E900.0	12/30/06 12:29 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	12/30/06 12:29 / res
Radium 226	ND	pCi/L		0.2		E903.0	01/02/07 13:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	12/28/06 16:46 / pj
Radon 222	234	pCi/L		100		D5072-92	12/18/06 12:19 / dpb
Radon 222 precision (±)	69.7	pCi/L				D5072-92	12/18/06 12:19 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06101323-003
Client Sample ID: (AA16895 D-G) Well 3

Report Date: 11/21/06
Collection Date: 10/27/06 10:59
DateReceived: 10/28/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	348	mg/L		1		A2320 B	11/08/06 15:21 / bmm
Calcium	203	mg/L		0.5		E200.7	11/10/06 13:53 / cp
Chloride	202	mg/L		1		E200.7	11/10/06 13:53 / cp
Magnesium	11.7	mg/L		0.5		E200.7	11/10/06 13:53 / cp
Potassium	3.75	mg/L	D	0.08		E200.7	11/10/06 13:53 / cp
Silica	33.2	mg/L		0.1		E200.7	11/10/06 13:53 / cp
Sodium	96.5	mg/L		0.5		E200.7	11/10/06 13:53 / cp
Sulfate	68	mg/L		1		E200.7	11/10/06 13:53 / cp
PHYSICAL PROPERTIES							
Conductivity	1540	umhos/cm		1.0		A2510 B	10/30/06 10:58 / th
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	830	mg/L				Calculation	11/21/06 09:25 / sec
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Cadmium	ND	mg/L		0.0005		E200.8	11/01/06 02:09 / bws
Iron	0.04	mg/L		0.03		E200.7	11/10/06 13:53 / cp
Lead	ND	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Manganese	ND	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Mercury	ND	mg/L		0.0005		E200.8	11/01/06 02:09 / bws
Molybdenum	ND	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Selenium	0.006	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Uranium	0.0039	mg/L		0.0003		E200.8	11/01/06 02:09 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	10.4	pCi/L		1.0		E900.0	11/14/06 05:04 / rs
Gross Alpha precision (±)	0.6	pCi/L				E900.0	11/14/06 05:04 / rs
Radon 222	241	pCi/L		100		D5072-92	10/30/06 18:49 / db
Radon 222 precision (±)	62.2	pCi/L				D5072-92	10/30/06 18:49 / db
Radium 226	0.2	pCi/L		0.2		E903.0	11/14/06 12:22 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	11/14/06 12:22 / trs
Radium 228	ND	pCi/L		1.0		RA-05	11/09/06 13:26 / pj

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06120717-004
Client Sample ID: AA18342 B-G Well 4

Report Date: 01/08/07
Collection Date: 12/14/06 12:30
DateReceived: 12/16/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	266	mg/L		1		A2320 B	12/18/06 09:13 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	12/18/06 09:13 / jaj
Bicarbonate as HCO3	325	mg/L		1		A2320 B	12/18/06 09:13 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	12/18/06 09:13 / jaj
Calcium	98.7	mg/L		0.5		E200.7	01/02/07 15:59 / cp
Chloride	61	mg/L		1		E200.7	01/02/07 15:59 / cp
Magnesium	8.5	mg/L		0.5		E200.7	01/02/07 15:59 / cp
Potassium	2.11	mg/L	D	0.08		E200.7	01/02/07 15:59 / cp
Silica	34.5	mg/L		0.1		E200.7	01/02/07 15:59 / cp
Sodium	35.4	mg/L		0.5		E200.7	01/02/07 15:59 / cp
Sulfate	13	mg/L		1		E200.7	01/02/07 15:59 / cp
PHYSICAL PROPERTIES							
Conductivity	713	umhos/cm		1.0		A2510 B	12/18/06 11:26 / ijl
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	410	mg/L				Calculation	01/08/07 09:32 / dab
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	12/18/06 20:32 / bas
Cadmium	ND	mg/L		0.0005		E200.8	12/18/06 20:32 / bas
Iron	1.15	mg/L		0.03		E200.7	01/02/07 15:59 / cp
Lead	ND	mg/L		0.001		E200.8	12/18/06 20:32 / bas
Manganese	0.005	mg/L		0.001		E200.8	12/18/06 20:32 / bas
Mercury	ND	mg/L		0.0005		E200.8	12/18/06 20:32 / bas
Molybdenum	ND	mg/L		0.001		E200.8	12/18/06 20:32 / bas
Selenium	ND	mg/L		0.001		E200.8	12/18/06 20:32 / bas
Uranium	0.0010	mg/L		0.0003		E200.8	12/18/06 20:32 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	3.4	pCi/L		1.0		E900.0	12/31/06 00:58 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	12/31/06 00:58 / res
Radium 226	ND	pCi/L		0.2		E903.0	01/02/07 13:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	12/28/06 17:49 / pj
Radon 222	111	pCi/L		100		D5072-92	12/18/06 12:19 / dpb
Radon 222 precision (±)	67.1	pCi/L				D5072-92	12/18/06 12:19 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06120717-005
Client Sample ID: AA18371 B-G Well 5

Report Date: 01/08/07
Collection Date: 12/15/06 09:15
DateReceived: 12/16/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	212	mg/L		1		A2320 B	12/18/06 09:15 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	12/18/06 09:15 / jaj
Bicarbonate as HCO3	259	mg/L		1		A2320 B	12/18/06 09:15 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	12/18/06 09:15 / jaj
Calcium	254	mg/L	D	2		E200.7	01/02/07 16:03 / cp
Chloride	270	mg/L		1		E200.7	01/02/07 16:03 / cp
Magnesium	33.3	mg/L		0.5		E200.7	01/02/07 17:44 / cp
Potassium	11.6	mg/L	D	0.08		E200.7	01/02/07 17:44 / cp
Silica	35.2	mg/L		0.1		E200.7	01/02/07 16:03 / cp
Sodium	111	mg/L		0.5		E200.7	01/02/07 17:44 / cp
Sulfate	498	mg/L	D	1		E200.7	01/02/07 16:03 / cp
PHYSICAL PROPERTIES							
Conductivity	2010	umhos/cm		1.0		A2510 B	12/18/06 11:28 / ljl
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	1300	mg/L				Calculation	01/08/07 09:32 / dab
METALS - TOTAL							
Arsenic	0.001	mg/L		0.001		E200.8	12/18/06 20:39 / bas
Cadmium	ND	mg/L		0.0005		E200.8	12/18/06 20:39 / bas
Iron	0.14	mg/L		0.03		E200.7	01/02/07 17:44 / cp
Lead	0.001	mg/L		0.001		E200.8	12/18/06 20:39 / bas
Manganese	0.148	mg/L		0.001		E200.8	12/18/06 20:39 / bas
Mercury	ND	mg/L		0.0005		E200.8	12/18/06 20:39 / bas
Molybdenum	0.002	mg/L		0.001		E200.8	12/18/06 20:39 / bas
Selenium	ND	mg/L		0.001		E200.8	12/18/06 20:39 / bas
Uranium	0.0027	mg/L		0.0003		E200.8	12/18/06 20:39 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	6.4	pCi/L		1.0		E900.0	12/31/06 00:58 / res
Gross Alpha precision (±)	0.8	pCi/L				E900.0	12/31/06 00:58 / res
Radium 226	1.2	pCi/L		0.2		E903.0	01/02/07 13:27 / trs
Radium 226 precision (±)	0.4	pCi/L				E903.0	01/02/07 13:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	12/28/06 17:49 / pj
Radon 222	604	pCi/L		100		D5072-92	12/18/06 12:19 / dpb
Radon 222 precision (±)	63.9	pCi/L				D5072-92	12/18/06 12:19 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06120717-006
Client Sample ID: AA18372 B-G Well 6

Report Date: 01/08/07
Collection Date: 12/15/06 10:00
DateReceived: 12/16/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	341	mg/L		1		A2320 B	12/18/06 09:16 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	12/18/06 09:16 / jaj
Bicarbonate as HCO3	416	mg/L		1		A2320 B	12/18/06 09:16 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	12/18/06 09:16 / jaj
Calcium	142	mg/L		0.5		E200.7	01/02/07 17:48 / cp
Chloride	126	mg/L		1		E200.7	01/02/07 16:06 / cp
Magnesium	7.9	mg/L		0.5		E200.7	01/02/07 17:48 / cp
Potassium	2.02	mg/L	D	0.08		E200.7	01/02/07 17:48 / cp
Silica	32.0	mg/L		0.1		E200.7	01/02/07 16:06 / cp
Sodium	60.5	mg/L		0.5		E200.7	01/02/07 17:48 / cp
Sulfate	27	mg/L		1		E200.7	01/02/07 17:48 / cp
PHYSICAL PROPERTIES							
Conductivity	1070	umhos/cm		1.0		A2510 B	12/18/06 11:30 / lji
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	600	mg/L				Calculation	01/08/07 09:32 / dab
METALS - TOTAL							
Arsenic	0.003	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Cadmium	ND	mg/L		0.0005		E200.8	12/18/06 21:13 / bas
Iron	ND	mg/L		0.03		E200.7	01/02/07 17:48 / cp
Lead	ND	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Manganese	ND	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Mercury	ND	mg/L		0.0005		E200.8	12/18/06 21:13 / bas
Molybdenum	ND	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Selenium	0.004	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Uranium	0.0045	mg/L		0.0003		E200.8	12/18/06 21:13 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	3.7	pCi/L		1.0		E900.0	12/31/06 00:58 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	12/31/06 00:58 / res
Radium 226	0.4	pCi/L		0.2		E903.0	01/02/07 13:27 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	01/02/07 13:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	12/28/06 17:49 / pj
Radon 222	195	pCi/L		100		D5072-92	12/18/06 12:19 / dpb
Radon 222 precision (±)	58.1	pCi/L				D5072-92	12/18/06 12:19 / dpb

Report Definitions:
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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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ANALYTICAL SUMMARY REPORT

March 05, 2007

San Antonio River Authority
100 East Guenther St
San Antonio, TX 78283

Workorder No.: C07020520

Project Name: Goliad County Groundwater Conservation District

Energy Laboratories, Inc. received the following 12 samples from San Antonio River Authority on 2/14/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07020520-001	Well 1	02/13/07 8:25	02/14/07	Aqueous	Metals by ICP/ICPMS, Total Chloride Conductivity Nitrogen, Nitrite Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved Sulfate
C07020520-002	Well 2	02/13/07 8:54	02/14/07	Aqueous	Same As Above
C07020520-003	Well 3	02/13/07 9:20	02/14/07	Aqueous	Same As Above
C07020520-004	Well 4	02/13/07 10:06	02/14/07	Aqueous	Same As Above
C07020520-005	Well 5	02/13/07 11:00	02/14/07	Aqueous	Same As Above
C07020520-006	Well 6	02/13/07 11:35	02/14/07	Aqueous	Same As Above
C07020520-007	Well 7	02/13/07 12:05	02/14/07	Aqueous	Same As Above
C07020520-008	Well 8	02/13/07 13:15	02/14/07	Aqueous	Same As Above
C07020520-009	Well 9	02/13/07 13:50	02/14/07	Aqueous	Same As Above
C07020520-010	Well 10	02/13/07 14:43	02/14/07	Aqueous	Same As Above
C07020520-011	Well 11	02/13/07 15:35	02/14/07	Aqueous	Same As Above
C07020520-012	Well 12	02/13/07 16:17	02/14/07	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R.A. Sarling
Roger Sarling
Laboratory Supervisor

SAN ANTONIO RIVER AUTHORITY
Water Brings Us Together
100 E. Guenther Street
P.O. Box 839980
San Antonio, TX 78283-9980

Environmental Services Department Laboratory

PRELIMINARY ANALYTICAL REPORT

December 22, 2006

The data to create this preliminary report has not been validated.

Client: Goliad Water District
Ronnie Hernandez
100 E. Guenther St.
San Antonio, TX 78204

This analytical report is intended exclusively for the individual or entity to which it is addressed. If you are not the named addressee, you are not authorized to read, print, retain, copy, or disseminate this report or any part of it. If you have received this report in error, please notify the San Antonio River Authority.

Sample Location: Well #6 Duederstadt
Sample Number: AA18372

Collection Date/Time: 12/15/06 10:00
Receipt Date/Time: 12/15/06 15:08

CASE NARRATIVE

This report provides results related only to the referenced sample id numbers. All samples were received in acceptable condition unless otherwise noted.
For questions regarding this report, please contact Charles J. Lorea, IV Laboratory Operations Supervisor (210) 302-3674

Sample Comments: Radon, metals, inorganics and radio chem will be outsourced to Energy Laboratories Inc. T104704181-05-TX

QC Analysis Comments:

NITRATE-6781 MS Recovery for Nitrate as N
Matrix Spike Percent Recovery determined using Matrix Spike Result exceeding the linear calibration range.

NITRATE-6781 MSD Recovery for Nitrate as N
Matrix Spike Percent Recovery determined using Matrix Spike Result exceeding the linear calibration range.

ANALYTICAL RESULTS

	Analyses	Analysis Method	Result	Units	Qualifier	Reporting Limit	QC Batch ID	Analysis Date	Analysis Time	Analyst
AA18372-H	E. coli	SM 9223B 20Ed	<1	MPN/100 mL		1	E_COLI_QUA-6711	12/15/06	15:35	PLP
AA18372-D	Inorganics		PENDING					12/30/99	00:00	
AA18372-B	Metals		PENDING					12/30/99	00:00	
AA18372-I	Nitrate as N	EPA 300.0	8.94	mg/L		0.02	NITRATE-6781	12/15/06	19:38	GMM
AA18372-C	Radiochem		PENDING					12/30/99	00:00	
AA18372-G	Radon		PENDING					12/30/99	00:00	
AA18372-F	Radon		PENDING					12/30/99	00:00	
AA18372-E	Radon		PENDING					12/30/99	00:00	

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable
H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit
* - See Case Narrative
--- - Not Applicable

T:\LWDATA\CRYSTAL\LAB_PRELIM_ANALYTICAL_REPORT.RPT

The data in this report is current as of: 12/22/2006 9:45:58AM

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P.O. Box 839980
San Antonio, TX 78283-9980

Environmental Services Department Laboratory

PRELIMINARY ANALYTICAL REPORT

December 22, 2006

The data to create this preliminary report has not been validated.

AA18372-A	Field Chlorine Residual	SWQM Procedures	Not Recorded	mg/L	12/15/06	10:00	RH
AA18372-A	Field Dissolved Oxygen	SWQM Procedures	Not Recorded	mg/L	12/15/06	10:00	RH
AA18372-A	Field pH	SWQM Procedures	6.8	S.U.	12/15/06	10:00	RH
AA18372-A	Field Temperature	SWQM Procedures	23.6	°C	12/15/06	10:00	RH

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-002
Client Sample ID: Well 2

Report Date: 03/05/07
Collection Date: 02/13/07 08:54
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	~~1850~~ 127	mg/L		1		A4500-Cl B	02/16/07 16:03 / jl
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	02/14/07 14:04 / jal
Sulfate	19	mg/L		1		A4500-SO4 E	02/16/07 11:00 / ljl
PHYSICAL PROPERTIES							
Conductivity	1110	umhos/cm		1.0		A2510 B	02/14/07 14:48 / lm
Solids, Total Dissolved TDS @ 180 C	612	mg/L		10		A2540 C	02/14/07 13:46 / lm
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	02/16/07 20:31 / bws
Selenium	0.001	mg/L		0.001		E200.8	02/16/07 20:31 / bws
Uranium	ND	mg/L		0.0003		E200.8	02/16/07 20:31 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	2.0	pCi/L		1.0		E900.0	02/27/07 04:03 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	02/27/07 04:03 / res
Gross Beta	ND	pCi/L		2.0		E900.0	02/27/07 04:03 / res
Radon 222	653	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	49.3	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Groundwater Conservation District
Lab ID: C07020520-001
Client Sample ID: Well 1

Report Date: 03/05/07
Collection Date: 02/13/07 08:25
DateReceived: 02/14/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	118	mg/L		1		A4500-Cl B	02/16/07 16:02 / jl
Nitrogen, Nitrate+Nitrite as N	2.9	mg/L		0.1		E353.2	02/14/07 14:01 / jal
Sulfate	29	mg/L		1		A4500-SO4 E	02/16/07 10:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	1180	umhos/cm		1.0		A2510 B	02/14/07 14:46 / lm
Solids, Total Dissolved TDS @ 180 C	708	mg/L		10		A2540 C	02/14/07 13:46 / lm
METALS - TOTAL							
Arsenic	0.010	mg/L		0.001		E200.8	02/15/07 17:43 / bws
Selenium	0.007	mg/L		0.001		E200.8	02/15/07 17:43 / bws
Uranium	0.0033	mg/L		0.0003		E200.8	02/15/07 17:43 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	5.3	pCi/L		1.0		E900.0	02/27/07 04:03 / res
Gross Alpha precision (±)	0.4	pCi/L				E900.0	02/27/07 04:03 / res
Gross Beta	3.2	pCi/L		2.0		E900.0	02/27/07 04:03 / res
Gross Beta precision (±)	1.4	pCi/L				E900.0	02/27/07 04:03 / res
Radon 222	170	pCi/L		100		D5072-92	02/14/07 18:43 / dpb
Radon 222 precision (±)	43.3	pCi/L				D5072-92	02/14/07 18:43 / dpb
Radium 226	ND	pCi/L		0.2		E903.0	02/21/07 15:14 / crw

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

GROUND WATER ANALYSIS REPORT-IN SITU MINING-URANIUM

COMPANY: URANIUM ENERGY CORPARATION REPORT DATE: December 5, 2006
IDENTIFICATION: Jacob's Well
1115 10-25-06
LABORATORY: JORDAN LABORATORIES, INC.

MAJOR AND SECONDARY CONSTITUENTS

ITEM	MG/L	EPM	CONDUCTANCE	%EPM
CALCIUM(CA)	81	4.04	210.08	37.58
MAGNESIUM(MG)	17	1.40	65.24	13.02
SODIUM(NA)	120	5.22	255.26	48.56
POTASSIUM(K)	3.7	0.09	6.48	0.84
TOTAL CATION		10.75		
CARBONATE(CO3)	0	0.00	0.00	0.00
BICARBONATE(HCO3)	326	5.34	232.82	52.25
SULFATE(SO4)	11	0.23	17.00	2.25
CHLORIDE(CL)	165	4.65	352.94	45.50
NITRATE(NO3-N)	<0.01			
FLUORIDE(F)	0.44	TOTAL	1139.81	
SILICA(SIO2)	28			
TOTAL ANION		10.22		
TOTAL ION	752			

TDS(180 C)	573
TOT ION-0.5 HCO3=	589
EC(25 C)	972 UMHOS
EC(DIL)=105.0 X 10.0 =	1050 UMHOS
ALK. AS CACO3	267
PH	7.52

ACCURACY CHECK

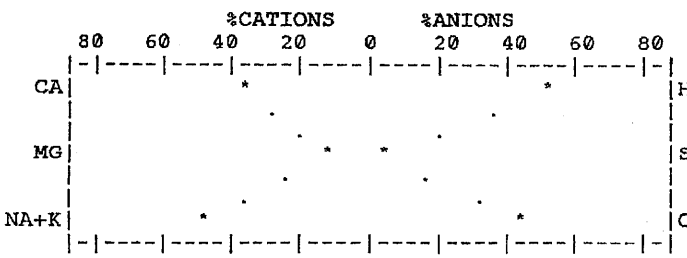
		RANGE
ION	1.052	(.96 T0 1.04)
TDS	0.973	(.90 TO 1.10)
EC	0.921	(.95 TO 1.05)

RADIATION-PICOCURIES/LITER

GROSS ALPHA		+/-
GROSS BETA		+/-
RADIUM 226	10	+/- 1

MINOR AND TRACE CONSTITUENTS

ITEM	MG/L	ITEM	MG/L	ITEM	MG/L
ARSENIC(AS)	<0.001	MANGANESE(MN)	0.01	VANADIUM(V)	
BARIUM(BA)		MERCURY(HG)	<0.0002	ZINC(ZN)	
CADMIUM(CD)	0.0001	MOLY.(MO)	<0.1	BORON(B)	
CHROM.(CR)		NICKEL(NI)		AMMONIA-N	<0.1
COPPER(CU)		SELENIUM(SE)	<0.001		
IRON(FE)	<0.01	SILVER(AG)			
LEAD(PB)	0.001	URANIUM(U)	<0.001		



NOTE: QC Documnetation is on File at Jordan Labs in Corpus Christi, TX

CHECKED BY:

LAB.NO:M44-3304

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ANALYTICAL SUMMARY REPORT

March 05, 2007

San Antonio River Authority
100 East Guenther St
San Antonio, TX 78283

Workorder No.: C07020520

Project Name: Goliad County Groundwater Conservation District

Energy Laboratories, Inc. received the following 12 samples from San Antonio River Authority on 2/14/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07020520-001	Well 1	02/13/07 8:25	02/14/07	Aqueous	Metals by ICP/ICPMS, Total Chloride Conductivity Nitrogen, Nitrite Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radon 222 Solids, Total Dissolved Sulfate
C07020520-002	Well 2	02/13/07 8:54	02/14/07	Aqueous	Same As Above
C07020520-003	Well 3	02/13/07 9:20	02/14/07	Aqueous	Same As Above
C07020520-004	Well 4	02/13/07 10:06	02/14/07	Aqueous	Same As Above
C07020520-005	Well 5	02/13/07 11:00	02/14/07	Aqueous	Same As Above
C07020520-006	Well 6	02/13/07 11:35	02/14/07	Aqueous	Same As Above
C07020520-007	Well 7	02/13/07 12:05	02/14/07	Aqueous	Same As Above
C07020520-008	Well 8	02/13/07 13:15	02/14/07	Aqueous	Same As Above
C07020520-009	Well 9	02/13/07 13:50	02/14/07	Aqueous	Same As Above
C07020520-010	Well 10	02/13/07 14:43	02/14/07	Aqueous	Same As Above
C07020520-011	Well 11	02/13/07 15:35	02/14/07	Aqueous	Same As Above
C07020520-012	Well 12	02/13/07 16:17	02/14/07	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R.A. Sealing
Roger Sealing
Laboratory Supervisor

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San Antonio, TX 78283-9980

Environmental Services Department Laboratory

ANALYTICAL REPORT

December 08, 2006

Sample RPD for Nitrate as N	0.0	%		0.0	---	20

QC Batch Name: NITRITE-6189

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrite as N	105.0	%		75	---	125
LRB Result for Nitrite as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrite as N	95.3	%		90	---	110
LCSD Recovery for Nitrite as N	95.2	%		90	---	110
LCS/LCSD RPD for Nitrite as N	0.1	%		0.0	---	20
MS Recovery for Nitrite as N	94.6	%		90	---	110
MSD Recovery for Nitrite as N	94.3	%		90	---	110
Sample RPD for Nitrite as N	0.0	%		0.0	---	20

QC Batch Name: SULFATE-6190

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Sulfate	99.3	%		75	---	125
LRB Result for Sulfate	<10.0	mg/L		---	---	10
LCS Recovery for Sulfate	97.8	%		90	---	110
LCSD Recovery for Sulfate	97.7	%		90	---	110
LCS/LCSD RPD for Sulfate	0.0	%		0.0	---	20
MS Recovery for Sulfate	92.5	%		90	---	110
MSD Recovery for Sulfate	98.1	%		90	---	110
Sample RPD for Sulfate	4.2	%		0.0	---	20

QC Batch Name: TDS-6152

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for TDS	<10.0	mg/L		---	---	10
LCS Recovery for TDS	100.8	%		80	---	120
LCSD Recovery for TDS	100.3	%		80	---	120
LCS/LCSD RPD for TDS	0.5	%		0.0	---	20
Sample RPD for TDS	2.5	%		0.0	---	20

QC Batch Name: TOC-6416

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

LCS/LCSD RPD for TOC	0.8	%		0.0	---	20
MS Recovery for TOC	106.0	%		80	---	120
MSD Recovery for TOC	105.0	%		80	---	120
Sample RPD for TOC	1.0	%		0.0	---	20

QC Batch Name: TURBIDITY-6121

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Turbidity	101.8	%		75	---	125
LRB Result for Turbidity	<0.5	NTU		---	---	0.5
LCS Recovery for Turbidity	105.5	%		90	---	110
LCSD Recovery for Turbidity	107.0	%		90	---	110
LCS/LCSD RPD for Turbidity	1.4	%		0.0	---	20
Sample RPD for Turbidity	0.0	%		0.0	---	20

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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Environmental Services Department Laboratory

ANALYTICAL REPORT

December 08, 2006

Client: Goliad Groundwater Study
Ronnie Hernandez
100 E. Guenther St.
San Antonio, TX 78204

This analytical report is intended exclusively for the individual or entity to which it is addressed. If you are not the named addressee, you are not authorized to read, print, retain, copy, or disseminate this report or any part of it. If you have received this report in error, please notify the San Antonio River Authority.

Sample Location: Spring
Sample Number: AA16899

Collection Date/Time: 10/27/06 12:35
Receipt Date/Time: 10/27/06 15:34

CASE NARRATIVE

This report provides results related only to the referenced sample id numbers. All samples were received in acceptable condition unless otherwise noted.
For questions regarding this report, please contact Charles J. Lorea, IV Laboratory Operations Supervisor (210) 302-3674

Sample Comments: **Radon, metals, inorganics and radio chem will be outsourced to Energy Laboratories Inc. T104704181-05-TX**

ANALYTICAL RESULTS

	Analyses	Analysis Method	Result	Units	Qualifier	Reporting Limit	QC Batch ID	Analysis Date	Analysis Time	Analyst
AA16899-J	E. coli	SM 9223B 20Ed	22	MPN/100 mL		1	E_COLI_QUA-6117	10/27/06	16:24	PLP
AA16899-B	Ammonia as N - Non-distilled	EPA 350.3	0.032	mg/L		0.02	AMMONIA_NO-6372	11/17/06	13:53	YBG
AA16899-A	Bromide	EPA 300.0	0.245	mg/L		0.5	BROMIDE-6185	10/28/06	00:45	GMM
AA16899-A	Chloride	EPA 300.0	115	mg/L		10	CHLORIDE-6186	10/28/06	03:26	GMM
AA16899-A	Fluoride	EPA 300.0	0.239	mg/L		0.5	FLUORIDE-6187	10/28/06	00:45	GMM
AA16899-F	Inorganics		Out Sourced					11/8/06	15:12	CJL
AA16899-D	Metals		Out Sourced					11/2/06	02:30	CJL
AA16899-A	Nitrate as N	EPA 300.0	<0.02	mg/L		0.02	NITRATE-6188	10/28/06	00:45	GMM
AA16899-A	Nitrite as N	EPA 300.0	<0.02	mg/L		0.02	NITRITE-6189	10/28/06	00:45	GMM
AA16899-G	Radiochem		Out Sourced					11/9/06	13:27	CJL

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

AA16899-I	Radon		Out Sourced				10/30/06	18:49	CJL
AA16899-E	Radon		Out Sourced				10/30/06	18:49	CJL
AA16899-A	Sulfate	EPA 300.0	<10.0	mg/L	10	SULFATE-6190	10/28/06	00:45	GMM
AA16899-A	Total Dissolved Solids	EPA 160.1	454	mg/L	10	TDS-6152	10/30/06	11:52	SJ
AA16899-C	Total Hardness	EPA 130.2	218	mg/L as CaCO3	5	HARDNESS-6282	11/9/06	14:38	SJ
AA16899-B	Total Organic Carbon	EPA 415.1	8.58	mg/L	2.0	TOC-6416	11/21/06	16:11	VGC
AA16899-A	Turbidity	EPA 180.1	14.0	NTU	0.5	TURBIDITY-6121	10/27/06	16:37	SJ
AA16899-H	Field conductivity	SWQM Procedures	774	µS/cm			10/27/06	10:59	RH

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
.--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

QC ANALYTICAL RESULTS

QC Batch Name: AMMONIA_NO-6372

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Non-Distilled Ammonia	101.5	%		75	---	125
LRB Result for Non-Distilled Ammonia	<0.02	mg/L		---	---	0.02
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
LCS Recovery for Non-Distilled Ammonia	103.0	%		80	---	120
LCSD Recovery for Non-Distilled Ammonia	102.0	%		80	---	120
LCS/LCSD RPD for Non-Distilled Ammonia	1.0	%		0.0	---	20
MS Recovery for Non-Distilled Ammonia	100.0	%		80	---	120
MSD Recovery for Non-Distilled Ammonia	100.0	%		80	---	120
Sample RPD for Non-Distilled Ammonia	2.4	%		0.0	---	20

QC Batch Name: BROMIDE-6185

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Bromide	<0.2	mg/L		---	---	0.2
LCS Recovery for Bromide	100.3	%		90	---	110
LCSD Recovery for Bromide	100.3	%		90	---	110
LCS/LCSD RPD for Bromide	0.0	%		0.0	---	20
MS Recovery for Bromide	98.3	%		90	---	110
MSD Recovery for Bromide	101.1	%		90	---	110
Sample RPD for Bromide	4.5	%		0.0	---	20

QC Batch Name: CHLORIDE-6186

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Chloride	100.9	%		75	---	125
LRB Result for Chloride	<10.0	mg/L		---	---	10
LCS Recovery for Chloride	98.7	%		90	---	110
LCSD Recovery for Chloride	98.6	%		90	---	110
LCS/LCSD RPD for Chloride	0.1	%		0.0	---	20
MS Recovery for Chloride	97.1	%		90	---	110
MSD Recovery for Chloride	97.3	%		90	---	110

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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Environmental Services Department Laboratory

ANALYTICAL REPORT

December 08, 2006

Sample RPD for Chloride	4.3	%		0.0	---	20

QC Batch Name: E_COLI_QUA-6117

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
Initial Blank for E. coli	Absent			---	Absent	---
Log Range for E. coli	0.1362			0.0	---	0.5

QC Batch Name: FLUORIDE-6187

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Fluoride	<0.2	mg/L		---	---	0.5
LCS Recovery for Fluoride	103.0	%		90	---	110
LCSD Recovery for Fluoride	102.9	%		90	---	110
LCS/LCSD RPD for Fluoride	0.0	%		0.0	---	20
MS Recovery for Fluoride	101.0	%		90	---	110
MSD Recovery for Fluoride	101.7	%		90	---	110
Sample RPD for Fluoride	0.0	%		0.0	---	20

QC Batch Name: HARDNESS-6282

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Total Hardness	<5.0	mg/L as CaCO3		---	---	5
LCS Recovery for Total Hardness	97.0	%		80	---	120
LCSD Recovery for Total Hardness	97.0	%		80	---	120
LCS/LCSD RPD for Total Hardness	0.0	%		0.0	---	20
Sample RPD for Total Hardness	0.0	%		0.0	---	20

QC Batch Name: NITRATE-6188

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrate as N	89.5	%		75	---	125
LRB Result for Nitrate as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrate as N	99.2	%		90	---	110
LCSD Recovery for Nitrate as N	99.1	%		90	---	110
LCS/LCSD RPD for Nitrate as N	0.1	%		0.0	---	20
MS Recovery for Nitrate as N	92.5	%		90	---	110
MSD Recovery for Nitrate as N	93.4	%		90	---	110

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

Art Schwenn

OPA RECEIVED

JAN 24 2008

AT PUBLIC MEETING

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ANALYTICAL SUMMARY REPORT

November 21, 2006

Ronnie Hernandez
San Antonio River Authority
100 East Guenther St
San Antonio, TX 78283

Workorder No.: C06101323

Project Name: Goliad Groundwater Study

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:38
CHIEF CLERKS OFFICE

Energy Laboratories, Inc. received the following 4 samples from San Antonio River Authority on 10/28/2006 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C06101323-001	(AA16896 D-G) Well 1	10/27/06 9:50	10/28/06	Aqueous	Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Total Radium 228, Total Radon 222 Solids, Total Dissolved - Calculated
C06101323-002	(AA16897 D-G) Well 2	10/27/06 10:25	10/28/06	Aqueous	Same As Above
C06101323-003	(AA16897 D-G) Well 3	10/27/06 10:59	10/28/06	Aqueous	Same As Above
C06101323-004	(AA16899 D-G) Spring	10/27/06 12:35	10/28/06	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By:

R.A. Leaking
Roger Garland
Laboratory Supervisor

MW

MW

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06101323-001
Client Sample ID: (AA16896 D-G) Well 1

Report Date: 11/21/06
Collection Date: 10/27/06 09:50
DateReceived: 10/28/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	415	mg/L		1		A2320 B	11/08/06 15:12 / bmm
Calcium	40.0	mg/L		0.5		E200.7	11/10/06 13:47 / cp
Chloride	174	mg/L		1		E200.7	11/10/06 13:47 / cp
Magnesium	13.0	mg/L		0.5		E200.7	11/10/06 13:47 / cp
Potassium	3.70	mg/L	D	0.08		E200.7	11/10/06 13:47 / cp
Silica	23.5	mg/L		0.1		E200.7	11/10/06 13:47 / cp
Sodium	187	mg/L		0.5		E200.7	11/10/06 13:47 / cp
Sulfate	8	mg/L		1		E200.7	11/10/06 13:47 / cp
PHYSICAL PROPERTIES							
Conductivity	1160	umhos/cm		1.0		A2510 B	10/30/06 10:54 / th
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	700	mg/L				Calculation	11/21/06 09:25 / sec
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	11/02/06 02:30 / bws
Cadmium	ND	mg/L		0.0005		E200.8	11/02/06 02:30 / bws
Iron	ND	mg/L		0.03		E200.7	11/10/06 13:47 / cp
Lead	ND	mg/L		0.001		E200.8	11/02/06 02:30 / bws
Manganese	0.002	mg/L		0.001		E200.8	11/02/06 02:30 / bws
Mercury	ND	mg/L		0.0005		E200.8	11/02/06 02:30 / bws
Molybdenum	ND	mg/L		0.001		E200.8	11/02/06 02:30 / bws
Selenium	0.001	mg/L		0.001		E200.8	11/02/06 02:30 / bws
Uranium	ND	mg/L		0.0003		E200.8	11/02/06 02:30 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	6.8	pCi/L		1.0		E900.0	11/14/06 05:04 / rs
Gross Alpha precision (±)	0.6	pCi/L				E900.0	11/14/06 05:04 / rs
Radon 222	711	pCi/L		100		D5072-92	10/30/06 18:49 / db
Radon 222 precision (±)	68.8	pCi/L				D5072-92	10/30/06 18:49 / db
Radium 226	0.3	pCi/L		0.2		E903.0	11/14/06 12:22 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	11/14/06 12:22 / trs
Radium 228	ND	pCi/L		1.0		RA-05	11/09/06 13:27 / pj

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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Date: 21-Nov-06

CLIENT: San Antonio River Authority
Project: Goliad Groundwater Study
Sample Delivery Group: C06101323

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-f - Energy Laboratories, Inc. - Idaho Falls, ID
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

CERTFICATIONS:
USEPA: WY00002
FL-DOH NELAC: E87641
Arizona: AZ0699
California: 02118CA
Oregon: WY200001
Utah: 3072350515
Virginia: 00057
Washington: C1903

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some result requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

PCB ANALYSIS USING EPA 505
Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page ____ of ____

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: San Antonio River Authority

Project Name, PWS #, Permit #, Etc.: Goliad Groundwater Study

Report Mail Address: 100 E. Guenther San Antonio Tx. 78283

Contact Name, Phone, Fax, E-mail: Ronnie Hernandez, 210-302-3409, ronnie@sara-tx.org

Sampler Name if other than Contact:

Invoice Address: (same as above)

Invoice Contact & Phone #: (same as above)

Purchase Order #:

ELI Quote #: QUOTE C2059

Report Required For: POTW/WWTP ☐ DW ☑ Other ____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☑ A2LA ☐ Level IV ☐

Other ____

EDD/EDT ☐ Format ____

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Shipped by: Fed Ex

Cooler ID(s): C1140

Receipt Temp: 5.8 °C

Custody Seal Y N

Intact Y N

Signature Y N

Match

Lab ID

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Sample Type: A W S V B O; Air Water Solids/Solids Vegetation Bioassay Other)	Metals	Radiochem	Inorganics	Radon						SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	LABORATORY USE ONLY
AA16896 D-G) Well #1	10/27/06	0950	W	✓	✓	✓	✓										
AA16897 D-G) Well #2	10/27/06	1025	W	✓	✓	✓	✓										
AA16897 D-G) Well #3	10/27/06	1059	W	✓	✓	✓	✓										
AA16899 D-G) Spring	10/27/06	1235	W	✓	✓	✓	✓									AA16898 D-G on BOTTLE (HAVED) PEL 5A 10/28/06	

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Ronald Hernandez	10/27/06 1712	[signature]	C Wagner	10/28/06	930
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:

Sample Disposal: Return to client: ____ Lab Disposal: ____

LABORATORY USE ONLY

Sample Type: ____ # of fractions ____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

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C0b1N1373

Trek#C0b1N1373 Page

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P.O. Box 839980
San Antonio, TX 78283-9980

Environmental Services Department Laboratory

ANALYTICAL REPORT

December 08, 2006

Client: Goliad Groundwater Study
Ronnie Hernandez
100 E. Guenther St.
San Antonio, TX 78204

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Sample Location: Well #1 Paul H. Breedan
Sample Number: AA16896

Collection Date/Time: 10/27/06 09:50
Receipt Date/Time: 10/27/06 15:34

CASE NARRATIVE

This report provides results related only to the referenced sample id numbers. All samples were received in acceptable condition unless otherwise noted.
For questions regarding this report, please contact Charles J. Lorea, IV Laboratory Operations Supervisor (210) 302-3674

Sample Comments: Radon, metals, inorganics and radio chem will be outsourced to Energy Laboratories Inc. T104704181-05-TX
QT-CUBI perserved wit
h sulfuric acid was leaking upon receipt, sample was transferred to a new QT-CUBI at SARA Laboratory.

ANALYTICAL RESULTS

	Analyses	Analysis Method	Result	Units	Qualifier	Reporting Limit	QC Batch ID	Analysis Date	Analysis Time	Analyst
AA16896-B	Ammonia as N - Non-distilled	EPA 350.3	0.036	mg/L		0.02	AMMONIA_NO-6372	11/17/06	13:53	YBG
AA16896-A	Bromide	EPA 300.0	2.23	mg/L		0.5	BROMIDE-6185	10/27/06	21:41	GMM
AA16896-A	Chloride	EPA 300.0	165	mg/L		10	CHLORIDE-6186	10/28/06	01:08	GMM
AA16896-A	Fluoride	EPA 300.0	0.567	mg/L		0.5	FLUORIDE-6187	10/27/06	21:41	GMM
AA16896-F	Inorganics		Out Sourced					11/8/06	15:12	CJL
AA16896-D	Metals		Out Sourced					11/2/06	02:30	CJL
AA16896-A	Nitrate as N	EPA 300.0	<0.02	mg/L		0.02	NITRATE-6188	10/27/06	21:41	GMM

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

AA16896-A	Nitrite as N	EPA 300.0	<0.02	mg/L	0.02	NITRITE-6189	10/27/06	21:41	GMM
AA16896-G	Radiochem		Out Sourced				11/9/06	13:27	CJL
AA16896-E	Radon		Out Sourced				10/30/06	18:49	CJL
AA16896-I	Radon		Out Sourced				10/30/06	18:49	CJL
AA16896-A	Sulfate	EPA 300.0	11.8	mg/L	10	SULFATE-6190	10/27/06	21:41	GMM
AA16896-A	Total Dissolved Solids	EPA 160.1	648	mg/L	10	TDS-6152	10/30/06	11:52	SJ
AA16896-C	Total Hardness	EPA 130.2	166	mg/L as CaCO3	5	HARDNESS-6282	11/9/06	14:38	SJ
AA16896-B	Total Organic Carbon	EPA 415.1	<2.0	mg/L	2.0	TOC-6416	11/21/06	14:52	VGC
AA16896-A	Turbidity	EPA 180.1	<0.5	NTU	0.5	TURBIDITY-6121	10/27/06	16:37	SJ
AA16896-H	Field conductivity	SWQM Procedures	1156	µS/cm			10/27/06	09:50	RH

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

QC ANALYTICAL RESULTS

QC Batch Name: AMMONIA_NO-6372

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Non-Distilled Ammonia	101.5	%		75	---	125
LRB Result for Non-Distilled Ammonia	<0.02	mg/L		---	---	0.02
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
LCS Recovery for Non-Distilled Ammonia	103.0	%		80	---	120
LCSD Recovery for Non-Distilled Ammonia	102.0	%		80	---	120
LCS/LCSD RPD for Non-Distilled Ammonia	1.0	%		0.0	---	20
MS Recovery for Non-Distilled Ammonia	100.0	%		80	---	120
MSD Recovery for Non-Distilled Ammonia	100.0	%		80	---	120
Sample RPD for Non-Distilled Ammonia	2.4	%		0.0	---	20

QC Batch Name: BROMIDE-6185

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Bromide	<0.2	mg/L		---	---	0.2
LCS Recovery for Bromide	100.3	%		90	---	110
LCSD Recovery for Bromide	100.3	%		90	---	110
LCS/LCSD RPD for Bromide	0.0	%		0.0	---	20
MS Recovery for Bromide	98.3	%		90	---	110
MSD Recovery for Bromide	101.1	%		90	---	110
Sample RPD for Bromide	4.5	%		0.0	---	20

QC Batch Name: CHLORIDE-6186

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Chloride	100.9	%		75	---	125
LRB Result for Chloride	<10.0	mg/L		---	---	10
LCS Recovery for Chloride	98.7	%		90	---	110
LCSD Recovery for Chloride	98.6	%		90	---	110
LCS/LCSD RPD for Chloride	0.1	%		0.0	---	20
MS Recovery for Chloride	97.1	%		90	---	110
MSD Recovery for Chloride	97.3	%		90	---	110

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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Sample RPD for Chloride	4.3	%		0.0	---	20

QC Batch Name: FLUORIDE-6187

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Fluoride	<0.2	mg/L		---	---	0.5
LCS Recovery for Fluoride	103.0	%		90	---	110
LCSD Recovery for Fluoride	102.9	%		90	---	110
LCS/LCSD RPD for Fluoride	0.0	%		0.0	---	20
MS Recovery for Fluoride	101.0	%		90	---	110
MSD Recovery for Fluoride	101.7	%		90	---	110
Sample RPD for Fluoride	0.0	%		0.0	---	20

QC Batch Name: HARDNESS-6282

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Total Hardness	<5.0	mg/L as CaCO3		---	---	5
LCS Recovery for Total Hardness	97.0	%		80	---	120
LCSD Recovery for Total Hardness	97.0	%		80	---	120
LCS/LCSD RPD for Total Hardness	0.0	%		0.0	---	20
Sample RPD for Total Hardness	0.0	%		0.0	---	20

QC Batch Name: NITRATE-6188

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrate as N	89.5	%		75	---	125
LRB Result for Nitrate as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrate as N	99.2	%		90	---	110
LCSD Recovery for Nitrate as N	99.1	%		90	---	110
LCS/LCSD RPD for Nitrate as N	0.1	%		0.0	---	20
MS Recovery for Nitrate as N	92.5	%		90	---	110
MSD Recovery for Nitrate as N	93.4	%		90	---	110
Sample RPD for Nitrate as N	0.0	%		0.0	---	20

QC Batch Name: NITRITE-6189

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrite as N	105.0	%		75	---	125

A - Outside upper acceptance criteria
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* - See Case Narrative
--- - Not Applicable

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LRB Result for Nitrite as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrite as N	95.3	%		90	---	110
LCSD Recovery for Nitrite as N	95.2	%		90	---	110
LCS/LCSD RPD for Nitrite as N	0.1	%		0.0	---	20
MS Recovery for Nitrite as N	94.6	%		90	---	110
MSD Recovery for Nitrite as N	94.3	%		90	---	110
Sample RPD for Nitrite as N	0.0	%		0.0	---	20

QC Batch Name: SULFATE-6190

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Sulfate	99.3	%		75	---	125
LRB Result for Sulfate	<10.0	mg/L		---	---	10
LCS Recovery for Sulfate	97.8	%		90	---	110
LCSD Recovery for Sulfate	97.7	%		90	---	110
LCS/LCSD RPD for Sulfate	0.0	%		0.0	---	20
MS Recovery for Sulfate	92.5	%		90	---	110
MSD Recovery for Sulfate	98.1	%		90	---	110
Sample RPD for Sulfate	4.2	%		0.0	---	20

QC Batch Name: TDS-6152

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for TDS	<10.0	mg/L		---	---	10
LCS Recovery for TDS	100.8	%		80	---	120
LCSD Recovery for TDS	100.3	%		80	---	120
LCS/LCSD RPD for TDS	0.5	%		0.0	---	20
Sample RPD for TDS	2.5	%		0.0	---	20

QC Batch Name: TOC-6416

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for TOC	102.4	%		75	---	125
LRB Result for TOC	<2.0	mg/L		---	---	2
Field Splits RPD for TOC	3.7	%		---	---	30
Field Splits RPD for TOC	1.7	%		---	---	30
LCS Recovery for TOC	105.9	%		80	---	120
LCSD Recovery for TOC	105.0	%		80	---	120

A - Outside upper acceptance criteria
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T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

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LCS/LCSD RPD for TOC	0.8	%		0.0	---	20
MS Recovery for TOC	106.0	%		80	---	120
MSD Recovery for TOC	105.0	%		80	---	120
Sample RPD for TOC	1.0	%		0.0	---	20

QC Batch Name: TURBIDITY-6121

				Acceptance Criteria		
QC Analyte Name	**Result**	**Units**	**Qualifier**	**Lower**	**Target**	**Upper**
RL Recovery for Turbidity	101.8	%		75	---	125
LRB Result for Turbidity	<0.5	NTU		---	---	0.5
LCS Recovery for Turbidity	105.5	%		90	---	110
LCSD Recovery for Turbidity	107.0	%		90	---	110
LCS/LCSD RPD for Turbidity	1.4	%		0.0	---	20
Sample RPD for Turbidity	0.0	%		0.0	---	20

A - Outside upper acceptance criteria
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T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06101323-002
Client Sample ID: (AA16897 D-G) Well 2

Report Date: 11/21/06
Collection Date: 10/27/06 10:25
DateReceived: 10/28/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	468	mg/L		1		A2320 B	11/08/06 15:24 / bmm
Calcium	116	mg/L		0.5		E200.7	11/10/06 13:50 / cp
Chloride	109	mg/L		1		E200.7	11/10/06 13:50 / cp
Magnesium	14.5	mg/L		0.5		E200.7	11/10/06 13:50 / cp
Potassium	1.39	mg/L	D	0.08		E200.7	11/10/06 13:50 / cp
Silica	64.6	mg/L		0.1		E200.7	11/10/06 13:50 / cp
Sodium	119	mg/L		0.5		E200.7	11/10/06 13:50 / cp
Sulfate	27	mg/L		1		E200.7	11/10/06 13:50 / cp
PHYSICAL PROPERTIES							
Conductivity	1190	umhos/cm		1.0		A2510 B	10/30/06 10:56 / th
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	730	mg/L				Calculation	11/21/06 09:25 / sec
METALS - TOTAL							
Arsenic	0.009	mg/L		0.001		E200.8	11/01/06 02:02 / bws
Cadmium	ND	mg/L		0.0005		E200.8	11/01/06 02:02 / bws
Iron	ND	mg/L		0.03		E200.7	11/10/06 13:50 / cp
Lead	ND	mg/L		0.001		E200.8	11/01/06 02:02 / bws
Manganese	ND	mg/L		0.001		E200.8	11/01/06 02:02 / bws
Mercury	ND	mg/L		0.0005		E200.8	11/01/06 02:02 / bws
Molybdenum	ND	mg/L		0.001		E200.8	11/01/06 02:02 / bws
Selenium	0.006	mg/L		0.001		E200.8	11/01/06 02:02 / bws
Uranium	0.0034	mg/L		0.0003		E200.8	11/01/06 02:02 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	6.2	pCi/L		1.0		E900.0	11/14/06 05:04 / rs
Gross Alpha precision (±)	0.6	pCi/L				E900.0	11/14/06 05:04 / rs
Radon 222	114	pCi/L		100		D5072-92	10/30/06 18:49 / db
Radon 222 precision (±)	60.7	pCi/L				D5072-92	10/30/06 18:49 / db
Radium 226	0.4	pCi/L		0.2		E903.0	11/14/06 12:22 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	11/14/06 12:22 / trs
Radium 228	ND	pCi/L		1.0		RA-05	11/09/06 13:26 / pj

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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ANALYTICAL REPORT

December 08, 2006

Client: Goliad Groundwater Study
Ronnie Hernandez
100 E. Guenther St.
San Antonio, TX 78204

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Sample Location: Well #2 St. Peters Lutheran Church
Sample Number: AA16897

Collection Date/Time: 10/27/06 10:25
Receipt Date/Time: 10/27/06 15:34

CASE NARRATIVE

This report provides results related only to the referenced sample id numbers. All samples were received in acceptable condition unless otherwise noted.
For questions regarding this report, please contact Charles J. Lorea, IV Laboratory Operations Supervisor (210) 302-3674

Sample Comments: Radon, metals, inorganics and radio chem will be outsourced to Energy Laboratories Inc. T104704181-05-TX
QT-CUBI perserved wit
h sulfuric acid was leaking upon receipt, sample was
transferred to a new QT-CUBI at SARA Laboratory.

ANALYTICAL RESULTS

	Analyses	Analysis Method	Result	Units	Qualifier	Reporting Limit	QC Batch ID	Analysis Date	Analysis Time	Analyst
AA16897-B	Ammonia as N - Non-distilled	EPA 350.3	<0.02	mg/L		0.02	AMMONIA_NO-6372	11/17/06	13:53	YBG
AA16897-A	Bromide	EPA 300.0	0.353	mg/L		0.5	BROMIDE-6185	10/27/06	23:13	GMM
AA16897-A	Chloride	EPA 300.0	109	mg/L		10	CHLORIDE-6186	10/28/06	02:40	GMM
AA16897-A	Fluoride	EPA 300.0	0.528	mg/L		0.5	FLUORIDE-6187	10/27/06	23:13	GMM
AA16897-F	Inorganics		Out Sourced					11/8/06	15:12	CJL
AA16897-D	Metals		Out Sourced					11/2/06	02:30	CJL
AA16897-A	Nitrate as N	EPA 300.0	2.71	mg/L		0.02	NITRATE-6188	10/27/06	23:13	GMM

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

AA16897-A	Nitrite as N	EPA 300.0	<0.02	mg/L	0.02	NITRITE-6189	10/27/06	23:13	GMM
AA16897-G	Radiochem		Out Sourced				11/9/06	13:27	CJL
AA16897-I	Radon		Out Sourced				10/30/06	18:49	CJL
AA16897-E	Radon		Out Sourced				10/30/06	18:49	CJL
AA16897-A	Sulfate	EPA 300.0	25.7	mg/L	10	SULFATE-6190	10/27/06	23:13	GMM
AA16897-A	Total Dissolved Solids	EPA 160.1	958	mg/L	10	TDS-6152	10/30/06	11:52	SJ
AA16897-C	Total Hardness	EPA 130.2	349	mg/L as CaCO3	5	HARDNESS-6282	11/9/06	14:38	SJ
AA16897-B	Total Organic Carbon	EPA 415.1	<2.0	mg/L	2.0	TOC-6416	11/21/06	15:36	VGC
AA16897-A	Turbidity	EPA 180.1	<0.5	NTU	0.5	TURBIDITY-6121	10/27/06	16:37	SJ
AA16897-H	Field conductivity	SWQM Procedures	1179	µS/cm			10/27/06	10:25	RH

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

QC ANALYTICAL RESULTS

QC Batch Name: AMMONIA_NO-6372

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Non-Distilled Ammonia	101.5	%		75	---	125
LRB Result for Non-Distilled Ammonia	<0.02	mg/L		---	---	0.02
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
LCS Recovery for Non-Distilled Ammonia	103.0	%		80	---	120
LCSD Recovery for Non-Distilled Ammonia	102.0	%		80	---	120
LCS/LCSD RPD for Non-Distilled Ammonia	1.0	%		0.0	---	20
MS Recovery for Non-Distilled Ammonia	100.0	%		80	---	120
MSD Recovery for Non-Distilled Ammonia	100.0	%		80	---	120
Sample RPD for Non-Distilled Ammonia	2.4	%		0.0	---	20

QC Batch Name: BROMIDE-6185

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Bromide	<0.2	mg/L		---	---	0.2
LCS Recovery for Bromide	100.3	%		90	---	110
LCSD Recovery for Bromide	100.3	%		90	---	110
LCS/LCSD RPD for Bromide	0.0	%		0.0	---	20
MS Recovery for Bromide	98.3	%		90	---	110
MSD Recovery for Bromide	101.1	%		90	---	110
Sample RPD for Bromide	4.5	%		0.0	---	20

QC Batch Name: CHLORIDE-6186

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Chloride	100.9	%		75	---	125
LRB Result for Chloride	<10.0	mg/L		---	---	10
LCS Recovery for Chloride	98.7	%		90	---	110
LCSD Recovery for Chloride	98.6	%		90	---	110
LCS/LCSD RPD for Chloride	0.1	%		0.0	---	20
MS Recovery for Chloride	97.1	%		90	---	110
MSD Recovery for Chloride	97.3	%		90	---	110

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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Sample RPD for Chloride	4.3	%		0.0	---	20

QC Batch Name: FLUORIDE-6187

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Fluoride	<0.2	mg/L		---	---	0.5
LCS Recovery for Fluoride	103.0	%		90	---	110
LCSD Recovery for Fluoride	102.9	%		90	---	110
LCS/LCSD RPD for Fluoride	0.0	%		0.0	---	20
MS Recovery for Fluoride	101.0	%		90	---	110
MSD Recovery for Fluoride	101.7	%		90	---	110
Sample RPD for Fluoride	0.0	%		0.0	---	20

QC Batch Name: HARDNESS-6282

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Total Hardness	<5.0	mg/L as CaCO3		---	---	5
LCS Recovery for Total Hardness	97.0	%		80	---	120
LCSD Recovery for Total Hardness	97.0	%		80	---	120
LCS/LCSD RPD for Total Hardness	0.0	%		0.0	---	20
Sample RPD for Total Hardness	0.0	%		0.0	---	20

QC Batch Name: NITRATE-6188

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrate as N	89.5	%		75	---	125
LRB Result for Nitrate as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrate as N	99.2	%		90	---	110
LCSD Recovery for Nitrate as N	99.1	%		90	---	110
LCS/LCSD RPD for Nitrate as N	0.1	%		0.0	---	20
MS Recovery for Nitrate as N	92.5	%		90	---	110
MSD Recovery for Nitrate as N	93.4	%		90	---	110
Sample RPD for Nitrate as N	0.0	%		0.0	---	20

QC Batch Name: NITRITE-6189

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrite as N	105.0	%		75	---	125

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
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* - See Case Narrative
--- - Not Applicable

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Sample RPD for Nitrate as N	0.0	%		0.0	---	20

QC Batch Name: NITRITE-6189

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrite as N	105.0	%		75	---	125
LRB Result for Nitrite as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrite as N	95.3	%		90	---	110
LCSD Recovery for Nitrite as N	95.2	%		90	---	110
LCS/LCSD RPD for Nitrite as N	0.1	%		0.0	---	20
MS Recovery for Nitrite as N	94.6	%		90	---	110
MSD Recovery for Nitrite as N	94.3	%		90	---	110
Sample RPD for Nitrite as N	0.0	%		0.0	---	20

QC Batch Name: SULFATE-6190

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Sulfate	99.3	%		75	---	125
LRB Result for Sulfate	<10.0	mg/L		---	---	10
LCS Recovery for Sulfate	97.8	%		90	---	110
LCSD Recovery for Sulfate	97.7	%		90	---	110
LCS/LCSD RPD for Sulfate	0.0	%		0.0	---	20
MS Recovery for Sulfate	92.5	%		90	---	110
MSD Recovery for Sulfate	98.1	%		90	---	110
Sample RPD for Sulfate	4.2	%		0.0	---	20

QC Batch Name: TDS-6152

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for TDS	<10.0	mg/L		---	---	10
LCS Recovery for TDS	100.8	%		80	---	120
LCSD Recovery for TDS	100.3	%		80	---	120
LCS/LCSD RPD for TDS	0.5	%		0.0	---	20
Sample RPD for TDS	2.5	%		0.0	---	20

QC Batch Name: TOC-6416

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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RL Recovery for TOC	102.4	%	75	---	125
LRB Result for TOC	<2.0	mg/L	---	---	2
Field Splits RPD for TOC	3.7	%	---	---	30
Field Splits RPD for TOC	1.7	%	---	---	30
LCS Recovery for TOC	105.9	%	80	---	120
LCSD Recovery for TOC	105.0	%	80	---	120
LCS/LCSD RPD for TOC	0.8	%	0.0	---	20
MS Recovery for TOC	106.0	%	80	---	120
MSD Recovery for TOC	105.0	%	80	---	120
Sample RPD for TOC	1.0	%	0.0	---	20

QC Batch Name: TURBIDITY-6121

				Acceptance Criteria		
QC Analyte Name	**Result**	**Units**	**Qualifier**	**Lower**	**Target**	**Upper**
RL Recovery for Turbidity	101.8	%		75	---	125
LRB Result for Turbidity	<0.5	NTU		---	---	0.5
LCS Recovery for Turbidity	105.5	%		90	---	110
LCSD Recovery for Turbidity	107.0	%		90	---	110
LCS/LCSD RPD for Turbidity	1.4	%		0.0	---	20
Sample RPD for Turbidity	0.0	%		0.0	---	20

A - Outside upper acceptance criteria
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T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06101323-003
Client Sample ID: (AA1689 D-G) Well 3

Report Date: 11/21/06
Collection Date: 10/27/06 10:59
DateReceived: 10/28/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	348	mg/L		1		A2320 B	11/08/06 15:21 / bmm
Calcium	203	mg/L		0.5		E200.7	11/10/06 13:53 / cp
Chloride	202	mg/L		1		E200.7	11/10/06 13:53 / cp
Magnesium	11.7	mg/L		0.5		E200.7	11/10/06 13:53 / cp
Potassium	3.75	mg/L	D	0.08		E200.7	11/10/06 13:53 / cp
Silica	33.2	mg/L		0.1		E200.7	11/10/06 13:53 / cp
Sodium	96.5	mg/L		0.5		E200.7	11/10/06 13:53 / cp
Sulfate	68	mg/L		1		E200.7	11/10/06 13:53 / cp
PHYSICAL PROPERTIES							
Conductivity	1540	umhos/cm		1.0		A2510 B	10/30/06 10:58 / th
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	830	mg/L				Calculation	11/21/06 09:25 / sec
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Cadmium	ND	mg/L		0.0005		E200.8	11/01/06 02:09 / bws
Iron	0.04	mg/L		0.03		E200.7	11/10/06 13:53 / cp
Lead	ND	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Manganese	ND	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Mercury	ND	mg/L		0.0005		E200.8	11/01/06 02:09 / bws
Molybdenum	ND	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Selenium	0.006	mg/L		0.001		E200.8	11/01/06 02:09 / bws
Uranium	0.0039	mg/L		0.0003		E200.8	11/01/06 02:09 / bws
RADIONUCLIDES - TOTAL							
Gross Alpha	10.4	pCi/L		1.0		E900.0	11/14/06 05:04 / rs
Gross Alpha precision (±)	0.6	pCi/L				E900.0	11/14/06 05:04 / rs
Radon 222	241	pCi/L		100		D5072-92	10/30/06 18:49 / db
Radon 222 precision (±)	62.2	pCi/L				D5072-92	10/30/06 18:49 / db
Radium 226	0.2	pCi/L		0.2		E903.0	11/14/06 12:22 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	11/14/06 12:22 / trs
Radium 228	ND	pCi/L		1.0		RA-05	11/09/06 13:26 / pj

Report RL - Analyte reporting limit MCL - Maximum contaminant level

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ANALYTICAL REPORT

December 08, 2006

Client: Goliad Groundwater Study
Ronnie Hernandez
100 E. Guenther St.
San Antonio, TX 78204

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Sample Location: Well #3 Craig Duderstadt
Sample Number: AA16898

Collection Date/Time: 10/27/06 10:59
Receipt Date/Time: 10/27/06 15:34

CASE NARRATIVE

This report provides results related only to the referenced sample id numbers. All samples were received in acceptable condition unless otherwise noted.
For questions regarding this report, please contact Charles J. Lorea, IV Laboratory Operations Supervisor (210) 302-3674

Sample Comments: Radon, metals, inorganics and radio chem will be outsourced to Energy Laboratories Inc. T104704181-05-TX

ANALYTICAL RESULTS

	Analyses	Analysis Method	Result	Units	Qualifier	Reporting Limit	QC Batch ID	Analysis Date	Analysis Time	Analyst
AA16898-B	Ammonia as N - Non-distilled	EPA 350.3	<0.02	mg/L		0.02	AMMONIA_NO-6372	11/17/06	13:53	YBG
AA16898-A	Bromide	EPA 300.0	0.542	mg/L		0.5	BROMIDE-6185	10/27/06	23:36	GMM
AA16898-A	Chloride	EPA 300.0	188	mg/L		10	CHLORIDE-6186	10/28/06	03:03	GMM
AA16898-A	Fluoride	EPA 300.0	0.217	mg/L		0.5	FLUORIDE-6187	10/27/06	23:36	GMM
AA16898-F	Inorganics		Out Sourced					11/8/06	15:12	CJL
AA16898-D	Metals		Out Sourced					11/2/06	02:30	CJL
AA16898-A	Nitrate as N	EPA 300.0	20.1	mg/L		0.02	NITRATE-6188	10/28/06	03:03	GMM
AA16898-A	Nitrite as N	EPA 300.0	<0.02	mg/L		0.02	NITRITE-6189	10/27/06	23:36	GMM
AA16898-G	Radiochem		Out Sourced					11/9/06	13:27	CJL
AA16898-I	Radon		Out Sourced					10/30/06	18:49	CJL

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

AA16898-E	Radon		Out Sourced				10/30/06	18:49	CJL
AA16898-A	Sulfate	EPA 300.0	64.2	mg/L	10	SULFATE-6190	10/28/06	03:03	GMM
AA16898-A	Total Dissolved Solids	EPA 160.1	1000	mg/L	10	TDS-6152	10/30/06	11:52	SJ
AA16898-C	Total Hardness	EPA 130.2	541	mg/L as CaCO3	5	HARDNESS-6282	11/9/06	14:38	SJ
AA16898-B	Total Organic Carbon	EPA 415.1	<2.0	mg/L	2.0	TOC-6416	11/21/06	15:51	VGC
AA16898-A	Turbidity	EPA 180.1	<0.5	NTU	0.5	TURBIDITY-6121	10/27/06	16:37	SJ
AA16898-H	Field conductivity	SWQM Procedures	1507	µS/cm			10/27/06	10:59	RH

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* - See Case Narrative
--- - Not Applicable

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ANALYTICAL REPORT

December 08, 2006

QC ANALYTICAL RESULTS

QC Batch Name: AMMONIA_NO-6372

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Non-Distilled Ammonia	101.5	%		75	---	125
LRB Result for Non-Distilled Ammonia	<0.02	mg/L		---	---	0.02
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
Field Splits RPD for Non-Dist Ammonia	0.0	%		---	---	30
LCS Recovery for Non-Distilled Ammonia	103.0	%		80	---	120
LCSD Recovery for Non-Distilled Ammonia	102.0	%		80	---	120
LCS/LCSD RPD for Non-Distilled Ammonia	1.0	%		0.0	---	20
MS Recovery for Non-Distilled Ammonia	100.0	%		80	---	120
MSD Recovery for Non-Distilled Ammonia	100.0	%		80	---	120
Sample RPD for Non-Distilled Ammonia	2.4	%		0.0	---	20

QC Batch Name: BROMIDE-6185

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Bromide	<0.2	mg/L		---	---	0.2
LCS Recovery for Bromide	100.3	%		90	---	110
LCSD Recovery for Bromide	100.3	%		90	---	110
LCS/LCSD RPD for Bromide	0.0	%		0.0	---	20
MS Recovery for Bromide	98.3	%		90	---	110
MSD Recovery for Bromide	101.1	%		90	---	110
Sample RPD for Bromide	4.5	%		0.0	---	20

QC Batch Name: CHLORIDE-6186

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Chloride	100.9	%		75	---	125
LRB Result for Chloride	<10.0	mg/L		---	---	10
LCS Recovery for Chloride	98.7	%		90	---	110
LCSD Recovery for Chloride	98.6	%		90	---	110
LCS/LCSD RPD for Chloride	0.1	%		0.0	---	20
MS Recovery for Chloride	97.1	%		90	---	110
MSD Recovery for Chloride	97.3	%		90	---	110

A - Outside upper acceptance criteria
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T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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Sample RPD for Chloride	4.3	%		0.0	---	20

QC Batch Name: FLUORIDE-6187

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Fluoride	<0.2	mg/L		---	---	0.5
LCS Recovery for Fluoride	103.0	%		90	---	110
LCSD Recovery for Fluoride	102.9	%		90	---	110
LCS/LCSD RPD for Fluoride	0.0	%		0.0	---	20
MS Recovery for Fluoride	101.0	%		90	---	110
MSD Recovery for Fluoride	101.7	%		90	---	110
Sample RPD for Fluoride	0.0	%		0.0	---	20

QC Batch Name: HARDNESS-6282

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
LRB Result for Total Hardness	<5.0	mg/L as CaCO3		---	---	5
LCS Recovery for Total Hardness	97.0	%		80	---	120
LCSD Recovery for Total Hardness	97.0	%		80	---	120
LCS/LCSD RPD for Total Hardness	0.0	%		0.0	---	20
Sample RPD for Total Hardness	0.0	%		0.0	---	20

QC Batch Name: NITRATE-6188

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrate as N	89.5	%		75	---	125
LRB Result for Nitrate as N	<0.02	mg/L		---	---	0.02
LCS Recovery for Nitrate as N	99.2	%		90	---	110
LCSD Recovery for Nitrate as N	99.1	%		90	---	110
LCS/LCSD RPD for Nitrate as N	0.1	%		0.0	---	20
MS Recovery for Nitrate as N	92.5	%		90	---	110
MSD Recovery for Nitrate as N	93.4	%		90	---	110
Sample RPD for Nitrate as N	0.0	%		0.0	---	20

QC Batch Name: NITRITE-6189

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
RL Recovery for Nitrite as N	105.0	%		75	---	125

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

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LCS/LCSD RPD for TOC	0.8	%		0.0	---	20
MS Recovery for TOC	106.0	%		80	---	120
MSD Recovery for TOC	105.0	%		80	---	120
Sample RPD for TOC	1.0	%		0.0	---	20

QC Batch Name: TURBIDITY-6121

				Acceptance Criteria		
QC Analyte Name	**Result**	**Units**	**Qualifier**	**Lower**	**Target**	**Upper**
RL Recovery for Turbidity	101.8	%		75	---	125
LRB Result for Turbidity	<0.5	NTU		---	---	0.5
LCS Recovery for Turbidity	105.5	%		90	---	110
LCSD Recovery for Turbidity	107.0	%		90	---	110
LCS/LCSD RPD for Turbidity	1.4	%		0.0	---	20
Sample RPD for Turbidity	0.0	%		0.0	---	20

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Bacteriological Positive and/or Negative Control were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
P. O. BOX 562 GOLIAD, TEXAS 77963
Phone -361-645-1716 fax - 361-645-1772 email - gcgcd@att.net

2008 JAN 28 AM 9:36
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OPA RECEIVED
eb JAN 24 2008
AT PUBLIC MEETING

Texas Commission on Environmental Quality
The Honorable LaDonna Castanuela
Chief Clerk
MC-105, TCEQ
P. O. Box 13087
Austin, TX 78711-3087

Re: PRESENTATION FOR 1-24-08 TCEQ PUBLIC MEETING

My name is Art Dohmann. I am speaking on behalf of the Goliad County Groundwater Conservation District (GCGCD). I wish to thank the staff of Texas Commission on Environmental Quality for providing this opportunity of a public meeting to discuss the application for a new underground injection control proposed Permit No. UR03075.

What is the groundwater district's role in this issue? The Texas Water Development Board and groundwater districts are charged by State statute to manage the quality and quantity of groundwater supplies in the State of Texas.

Uranium ore is in the groundwater sands as pancake deposits. In the proposed mining permit area, these deposits exist in all four of the shallow sands from which area wells pump water for domestic and livestock use. There are approximately 5000 water wells in Goliad County, an average of 1 well per 100 acres. In the proposed uranium mining site, several hundred exploration wells have already been drilled. The permit application states that it is estimated that 3,520 additional wells will be drilled to various depths as deep as 400 feet to mine the 4-40 acre uranium deposits. This gives a concentration of over 20 wells per acre in the mining area. The initial concern of GCGCD is the mechanical damage to the aquifer followed by the potential contamination of the aquifer and the loss of water supplies.

The UEC uranium mining permit application UR03075 being discussed is located in the RRC exploration permit #123 area of 10,701 acres in north-northeast Goliad County. Only a portion of the 10,701 acres has been leased for uranium exploration and mining. There has been extensive borehole drilling in the proposed uranium mining area penetrating the top four sands of the Evangeline (Gulf Coast) Aquifer. Exploration borehole drilling is continuing in other areas of the RRC #123 permit. The proposed

mw

mining areas and associated aquifer exemptions are subject to modification due to ongoing development as noted in the application.

Within and contiguous to the RRC exploration permit #123 area, according to appraisal district records, there are at least 93 private residences. These residences along with cattle operations are supplied groundwater by 168 water wells registered with the Goliad County Groundwater Conservation District. No mention is made in the mining applications of the use of this water for human consumption noting that water use is "namely, livestock and crop watering". In addition to the residences and water wells noted, there are many more immediately downdip of the potential uranium mining operations.

When considering the numerous natural and man-made surface obstacles (such as homes, ranching facilities, stock tanks, etc.) and the aquifer undulations, noted faults, and other uncertainties, how can there be any practical assurance that the quality of the area groundwater can be protected? Will the stable uranium deposits be only partially accessed but disturbed sufficiently to make restoration a practical impossibility?

SECTION 11: Hydraulic Test Preparation

Will TCEQ consider the stratigraphic and structural complexity of the mining area when evaluating the monitor well spacing design in accordance with 30 TAC 331 subchapter F, Rule 331.103?

Why is TCEQ evaluating a permit before aquifer pumping tests are performed to determine the degree of hydrologic connection between the sand zones? How can TCEQ grant a permit without having this hydrologic data?

Section 11.1.1 is confusing to the reader as it discusses monitoring wells and observation wells. This entire discussion needs to be clarified. In addition, it states that monitor wells are to be completed in the sands overlying the production zone. Should there also be a requirement for monitor wells to be completed in the sands underlying the production zone?

TCEQ recommends three observation wells for hydrologic testing. Will TCEQ require one well to be above the producing sand zone, one well in the producing sand zone, and one below the producing sand zone? Why does TCEQ evaluate a permit before hydrologic data are collected?

Will TCEQ make the hydrologic data available for an independent assessment of the hydrologic properties?

Section 8: Mine Plan

UEC assumes 6 pore volumes will be sufficient for restoration because restoration activities begin as soon as the production phase is completed. What is the basis for this assumption when other ISL facilities have required many more pore volumes in an attempt to achieve baseline conditions? What is the plan of action for bonding, groundwater use, and disposal, if it is found that more that 6 pore volumes are required?

In reference to water supply and quality, the mining application makes reference to Dale et al 1957 (50 year old data), making comments about small supplies of variable quality water. Current water data needs to be utilized for water management. With the exception of a few wells immediately downdip of the borehole exploration area and the wells that turned dirty and became contaminated with iron bacteria, water quality is good in the exploration area and across Goliad County. GCGCD is providing to TCEQ a complete package of test data to verify the good water quality and the latest update to the RRC on the dirty well issue.

The mining permit application identifies the water use and associated handling equipment sized to accommodate the mandatory 1% bleed water and a projected use for restoration. The permit application accurately discusses the need for overproduction to prevent mining fluids from migrating vertically and horizontally, but no management plan is provided to address this condition.

The simulation study prepared by Daniel B. Stephens (copy provided) raises serious questions about the amount of bleedwater (overproduction) that may be required and the potential for vertical leakage contamination of water supplies outside of the production sand.

Section 6: Hydrology

Given the Daniel B. Stevens model uses homogenous conditions in the aquifer, the extraction wells do not capture 100% of the pregnant lixiviant in a 3 year mining period. Therefore, how can UEC assure, given the added complexity of aquifer heterogeneities that are obvious on cross sections provided in section 6 of the application that escaping contamination will be detected by a monitoring well ring that is based on a spacing of 400 feet and takes no consideration of the variation of sedimentary structure?

Are the wells used for establishing baseline and restoration compliance screened to sample the water through the entire thickness of the sand; or are they screened only in the ore body section which comprises a small percentage of sand thickness?

Given Daniel B. Stephens model shows vertical communication from the A to the B sand, will a monitoring well ring be placed in both A and B sands during production and restoration? This similar question applies to production and restoration in other sands.

The potential for overproduction bleedwater increase above the 1% mandated, the potential to have to clean up a non-uranium bearing sand due to vertical leakage, and the potential need of more water exchanges during restoration raises a serious question of depletion of area water supplies. It is requested that a model be prepared to define the water use limits that will not affect existing water wells. The model needs to be prepared in advance of a contested case hearing with ample time provided for analysis.

The mining permit application uses inconsistent data on the Gulf Coast Aquifer in the mining area relating to confining conditions, and is based on a fundamental misconception concerning the characterization of this aquifer. Current data including that used by the Texas Water Development Board for groundwater modeling shows the aquifer sands in the proposed mining area to be in the recharge zone and are unconfined. Modeling shows vertical leakage and this is a very critical water quality issue.

The methodology used by UEC to establish baseline data for groundwater quality restoration is not accepted by Goliad County Groundwater Conservation District and their consultants. The wells from which baseline water samples were taken were drilled after extensive borehole drilling and in close proximity to boreholes. The water quality data taken before extensive exploration from existing area wells does not support the high levels of contamination seen in the baseline wells being offered as pre-existing water quality.

SECTION 5: Water Use and Water Quality

Baseline Monitor Wells

Establishing baseline water quality values in the mining zone:

Baseline water quality for a given sand zone should be established for the column of water across the sand zone as this is the target for private use. The water quality data from user wells in the ore zone have much lower values for Radium and uranium relative to values collected from UEC baseline wells.

If a production sand zone is 75' thick and the ore thickness within that zone is 20' thick, is it statistically valid to collect a baseline water sample only from the ore layer in the water sand?

In evaluating groundwater quality data what valid statistical procedures are used to test the sample populations for normal or log normal distributions?

Is it a policy of TCEQ to allow sample averaging of data when it does not follow a normal or log normal distribution?

If the monitoring well ring is the point of compliance for restoration, is it statistically valid to collect baseline samples only from within the ore zone?

Were the samples collected from a well that was screened only in the ore zone or across the entire thickness of the sand? Are the baseline monitor wells located randomly across the extent of the proposed well fields or biased towards the most concentrated ore zones? Is there a sampling plan that prescribes how to locate the baseline monitor wells? Is there a procedure for collecting the water samples including purging, stabilization and filtering?

SECTION 12: Restoration

We agree that a proper baseline needs to be established. The problem arises in defining what component of the aquifer needs to be restored.

The discussion on baseline leads one to believe that the pregnant lixiviant will not leave the ore zone. The Daniel B. Stephens Model shows that the lixiviant will leave the ore zone. What are the vertical and horizontal boundaries of the water that needs to be restored?

There is no discussion in Section 12 on the number of pore volumes that will be used to restore the aquifer. Why does TCEQ not require a detailed discussion for this important parameter?

Section 12 also lacks a discussion on the long term monitoring during and after restoration. How frequently will UEC sample the monitoring wells after restoration to demonstrate that contaminant levels have not increased and for how long?

The required aquifer exemption cannot be granted and meet the conditions specified for an aquifer exemption. This unconfined and continuously moving aquifer water has been used, is currently being used, and will be used in the future by many residents living, working and hunting in the area. Failures from previous ISL mining operations to restore groundwater must be considered in this evaluation.

SECTION 14: Aquifer Exemption

Figure 1.3 shows the lateral extent of the proposed aquifer exemption zone extends beyond the ore zone. The vertical extent is stated to be from the base of D sand to the top of the A sand. The ore zone in this proposed aquifer exemption zone is only a fraction of

the total aquifer exemption volume. Is TCEQ allowing baseline to be established with water samples collected only from ore zones? What is the statistical justification for this approach?

This section notes each sand unit as being confined on top and bottom by substantial aquicludes. TWDB Gulf Coast GAM, Daniel B. Stephens & Associates Model and Groundwater of Goliad County, Dale et al 1957 (page 12) indicate that there are not confining layers between the sands. What is the basis for UEC stating that confining layers are present prior to their hydrologic testing?

Goliad County Groundwater Conservation District wishes to incorporate this information with that provided by letter (attached) to TCEQ dated November 5, 2007 which included a request for this public meeting. GCGCD appreciates the granting of this public meeting by TCEQ and our opportunity for formal comment.

Sincerely,

Goliad County Groundwater Conservation District
Board of Directors

✓ Art Dohmann _____
✓ Joe Kozielski _____
✓ Barbara Smith _____
✓ John Dreier _____
✓ John B. Duke _____
✓ Wesley Ball _____
✓ Raulie Irwin _____

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
P. O. BOX 562 GOLIAD, TEXAS 77963
Phone -361-645-1716 fax - 361-645-1772 email - gcgcd@att.net

2008 JAN 28 AM 9:36
CHIEF CLERKS OFFICE

Board of Directors
Art Dohmann – President
Joe Kozielski – Vice-President
Barbara Smith – Secretary Treasurer
Directors – John Dreier, John B. Duke, Wesley Ball, Rachel Irwin
General Manager – Barbara Smith

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

January 18, 2008

Mr. Melvin Hodgkiss
Surface Mining and Reclamation Division
Railroad Commission of Texas
1701 North Congress Avenue
P. O. Box 12967
Austin, TX 78711-2967

Re: Dirty water wells

On July 9, 2007 a letter was sent to you (attached) along with supporting data, outlining the information that Goliad County Groundwater Conservation District had to that date concerning five residences that had experienced dirty well water starting in April 2007. These five residences are located updip and lateral to uranium mining exploration under permit #123. These wells had never experienced dirty water of this magnitude before and these wells tested good in 2006.

You were also copied on the letter to TCEQ dated November 5, 2007 Re: UEC Mining Permit Application UR03075. In that letter the dirty well issue was updated with the addition of the sixth residence in the same area also experiencing dirty well water. It was also noted that water tests done in October 2007 showed five of the seven wells with dirty water tested positive for iron bacteria.

As of January 2008 all six households continue to experience dirty well water problems. These include red stains on bathroom fixtures and frequent filter changes required due to sediment and slime buildup.

mw

In the RRC reply of September 5, 2007 by John E. Caudle PE, the conclusion was made "that insufficient data exist at (that time) to warrant further investigation of these alleged effects". This letter also stated that "no baseline (prior to any exploration) water quality data appear to be available for the subject wells". It is correct that there was no water quality baseline data gathered in and around the exploration permit #123 area prior to extensive uranium exploration activity starting in 2006. The Railroad Commission of Texas has sole jurisdiction over this exploration, so obtaining baseline water quality data is the responsibility of the RRC.
The Railroad Commission of Texas has not conducted any site tests dealing with the issue of the six residences with dirty water. GCGCD has provided all data to date and has no jurisdictional support.

It is to be noted that the assessment of water level change done by the RRC hydrologist dated September 5, 2007 is incorrect. He states that the older, shallower well on the Duderstadt property experienced the greatest drop (change) in water well. The shallower well showed a change of 2.9 feet and the deeper (new) well showed a change of 6.45 feet.

Because the dirty water issue continues unabated, GCGCD requests that the RRC immediately conduct an on-site study including long term monitoring. Recognizing the jurisdictional responsibility that RRC has, GCGCD is offering their services in a cooperative partnership to address this issue. GCGCD recommends as a first step a local meeting with representatives from the Railroad Commission of Texas, Goliad County Commissioner's Court, Goliad County Groundwater Conservation District, affected residents, and any stakeholders the RRC wishes to include.

Sincerely,

Art Dohmann, President
Goliad County Groundwater Conservation District

cc: Senator Glen Hegar
Representative Yvonne Gonzales-Toureilles
Gene and Reta Brown
Aldon Bade
Ted Long
Tom & Mary Anklam
Jason Mikeska
Craig and LuAnn Duderstadt
Attorney Steven G. Paulsgrove
TWDB
TCEQ

UIC
59943

MM OPA
JUL 15 2008
BY GB

Mr. + Mrs. Darwyn Duderstadt
1708 Weise Rd.
Yorktown Texas 78164
361·564·2878
7·12·08

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 14 PM 3:13
CHIEF CLERKS OFFICE

Texas Commission on Environmental Quality
P.O. Box 13087
Austin Texas 78711-3087

Permit # UR03075 Uranium Energy Corp. (UEC)
UEC's Request for Exempted Aquifer

Dear Chief Clerks
We request a public meeting in Goliad County Texas with the Texas Commission on Environmental Quality and Uranium Energy Corporation regarding Proposed Permit No. UR03075 and UEC's request for an exempted aquifer.

MW

We won't this Exemption not approved because we had water well tested it tested good.

We raise livestock, cow-calf operation of 200 head of cow's reside on this 1500 acres, using this water supply for existence. This property is within two miles of the mining area.

My son Craig Understadt lives across road from mining area. His water well since drilling began water has turned muddy & rusty and you can't drink the water.

Thank you for the opportunity to submit our comments.

Darwyn Understadt
Waynell Understadt POA.

(7)

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 21
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: John B. Duke

Address: 2900 HENCERLING Rd.

City/State: Goliad TX **Zip:** 77963

Phone: (361) 645-3068

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☐ **No**

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☒ **I wish to provide formal oral comments.**

☒ **I wish to provide formal written comments at tonight's public meeting.**
(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

mw

January 24, 2008

Mr. & Mrs. John B. Duke
2,900 Henderling Rd
Falls, Tx 77963

OPA RECEIVED

JAN 24 2008

AT PUBLIC MEETING

Office of the Chief Clerk, TCEQ
Mail Code MC-105,
P.O. Box 13087
Austin, Texas 78711-3087

Re: Permit # UR03075 - Application by Uranium Energy Corp.

Gentlemen:

We live in the Schroder area of Goliad County, and have concerns regarding the uranium mining and how it will affect our health and environment. Our concerns are:

- Loss of water for drinking purposes
- Long term affects of aquifer contamination on health of humans, livestock and wildlife.
- Leakage of radon gas from the processing plant.
- Who and how will the testing of water, air, and soil be done in the mining area.
- Contamination of water for drinking, farming and ranching.
- Pollution of ponds, streams and the Coleto Creek Reservoir.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:21
CHIEF CLERKS OFFICE

Sincerely

John B. Duke
Wanda Duke

MW

UIC
59943

December 15, 2009
Mr. + Mrs. John B. Duke
2900 Hencerling Rd
Goliad, Tx, 77963

OPA

JAN 11 2009

IP +

BY BP

CHIEF CLERKS OFFICE
2009 JAN 11 AM 10:53
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Office of the Chief Clerk MC 105
Ms. LaDonna Castañuela
Texas Commission on Environmental Quality
P.O. Box 13087
Austin Tx 78711-3087

Re: Permit #UR03075; Application by Uranium Energy Corp.

Dear Ms. Castañuela:

We live in the northeast portion of the uranium exploration permit # 123. We want to thank you for granting a public meeting in the Goliad area in regard to the Permit #UR03075 - Application by Uranium Energy Corporation.

We purchased our property in 1978 and built our retirement home in 1980. We have lived here almost thirty (30) years and enjoy living in the country. We have good water and use it for drinking, gardening, livestock, pecan trees, and wildlife. We are very concerned about water contamination, lowered water tables and other factors that contribute to the continued livelihood we depend on from our property. We want to help conserve our quality of life for future generations.

We concur with our Goliad County Commissioners in their judgment that uranium cannot be mined safely and have allotted funds to help maintain the current environment quality for the County's position in the future.

We would like to be placed on the permanent mailing list for Dewitt, Goliad and Victoria counties for all air, water and waste notices.

Thanking you again for granting a public meeting in Goliad and for your time and interest in our concerns.

Sincerely,
John B. Duke
Wanda Duke

29

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 24
CHIEF CLERKS OFFICE

PLEASE PRINT: Engelking

Name: Garrett Engelking

Address: PO Box 116

City/State: Refugio, TX 78377 **Zip:**

Phone: (361) 526-1483

☒ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☒ **Yes** ☐ **No**

If yes, which one? Refugio Groundwater Conservation District

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☒ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

mw

UC03075

UIC 59943

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin, TX 78711-3087

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT -5 AM 10: 19
CHIEF CLERKS OFFICE

September, 25, 2007

RE: PERMIT-UR-03075

Greetings,

My name is Darwin Foerster and I am a property owner in Goliad County, Texas. As a property owner I am greatly concerned about the proposed mining of uranium in very near proximity to my ranch. I have been engaged in ranching and nature conservancy for the greater part of my life. We have made a great many improvements to the land since we purchased it in the late 1970's. We have added ponds that we have stocked with fish for our family's enjoyment, improved grasses to stop soil erosion and planted a number of trees in addition to oak trees that are sever hundred years old. I personally do not intend to lease my property to the uranium companies simply to make money at the expense of the environment. In fact I don't intend to lease to them at all. However, my concern is for the actions of my near neighbors. I understand that I may be banned from my property due to radiation or dust created near my property or at the very least I may be left without a usable water supply. My family has lived in Goliad County since before the Civil War and I would not like to see this little community damaged or destroyed.

I wish to express my full support of the Goliad County Commissioners in their judgment that uranium cannot be mined safely in Goliad County. I also support the plan by commissioners of Goliad County to file for a contested case hearing over the concern of the impact on groundwater resources and the quality of the environment in Goliad County.

OPA
OCT 05 2007
BY

Thank you for your consideration,

Darwin A. Foerster

Darwin A. Foerster
508 Dundee Street
Victoria, TX 77904-2877

Foerster@tisd.net
361-573-4714

MW

URO3075

UIC 59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2007 SEP 28 AM 10: 23

CHIEF CLERKS OFFICE

OPA

BY

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin, TX 78711-3087

September, 25, 2007

Greetings,

My name is Darwin Foerster and I am a property owner in Goliad County, Texas. As a property owner I am greatly concerned about the proposed mining of uranium in very near proximity to my ranch. I have been engaged in ranching and nature conservancy for the greater part of my life. We have made a great many improvements to the land since we purchased it in the late 1970's. We have added ponds that we have stocked with fish for our family's enjoyment, improved grasses to stop soil erosion and planted a number of trees in addition to oak trees that are sever hundred years old. I personally do not intend to lease my property to the uranium companies simply to make money at the expense of the environment. In fact I don't intend to lease to them at all. However, my concern is for the actions of my near neighbors. I understand that I may be banned from my property due to radiation or dust created near my property or at the very least I may be left without a usable water supply. My family has lived in Goliad County since before the Civil War and I would not like to see this little community damaged or destroyed.

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Thank you for your consideration,

Darwin A. Foerster

Darwin A. Foerster
508 Dundee Street
Victoria, TX 77904-2877

Foerster@tisd.net

RE - PERMIT UR 03075

9-25-07

WIC 59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2007 OCT -5 AM 10: 19

CHIEF CLERKS OFFICE

TO THE OFFICE OF THE TCEQ

MY NAME IS HUBERT A. FOERSTER

I AM RETIRED AND ENJOY OUR 113 ACRE SPOT OF LAND IN NORTH GOLIAD CO. ALSO MY WIFE, SON, 6 GRAND CHILDREN & 5 GREAT GRAND CHILDREN ALL ENJOY THE LAND FOR A PLACE TO RELAX, FISH-HUNT & JUST LOOK AT THE VARIOUS WILDLIFE.

WE HAVE OVER 30 YEARS OF OUR LIFE INTO THIS LAND - NOW A RUNNING CREEK, 3 STOCK TANKS & 7 FIELD OF IMPROVED GRASSES.

WE HAVE SET ASIDE 15-20 ACRES OF JUNKLE TYPE LAND JUST FOR OUR WILDLIFE AND WE DON'T WANT NOT 1 ACRE DISTURBED BY URANIUM EXPLORATION & PRODUCTION ON THE PROPERTY OR NEARBY

Thank you for attention

Hubert A. Foerster

510 DUNDEE -

VICTORIA, TEXAS

77904

361- 573-4714

OPA

OCT 05 2007

BY

SEE BACK

~~TO THE OFFICE OF THE TCD~~

P.S.

I WISH TO EXPRESS MY FULL SUPPORT OF THE GOLD CO COMMISSIONERS IN THEIR JUDGEMENT THAT URANIUM CANNOT BE SAFELY EXTRACTED ~~ST~~ IN THIS COUNTY

UIC
59943

9-25-07

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 SEP 28 AM 10: 23
CHIEF CLERKS OFFICE

TO THE OFFICE OF THE TCEQ

MY NAME IS HUBERT A. FOERSTER
I AM RETIRED AND ENJOY OUR 113 ACRE SPOT OF LAND IN NORTH GOLIAD CO. ALSO MY WIFE, SON, 6 GRAND CHILDREN & 5 GREAT GRAND CHILDREN ALL ENJOY THE LAND FOR A PLACE TO RELAX, FISH-HUNT & JUST LOOK AT THE VARIOUS WILDLIFE.
WE HAVE OVER 30 YEARS OF OUR LIFE INTO THIS LAND - NOW A RUNNING CREEK, 3 STOCK TANKS & 7 FIELD OF IMPROVED GRASSES.
WE HAVE SET ASIDE 15-20 ACRES OF JUNKLE TYPE LAND JUST FOR OUR WILDLIFE AND WE DON'T WANT NOT 1 ACRE DISTURBED BY URANIUM EXPLORATION & PRODUCTION ON THE PROPERTY OR NEARBY

OPA

Thank you for your attention
Hubert A. Foerster
510 DUNDEE
VICTORIA, TEXAS
77904

OCT 0 1 2007

BY

PS
SEE BACK

MW

~~TO THE OFFICE OF THE TCEQ~~

PS

I WISH TO EXPESS MY FULL SUPPORT OF THE GOLIAD CO COMMISSIONERS IN THEIR JUDGEMENT THAT URANIUM CANNOT BE SAFELY EXTRACTED ~~S~~ IN THIS COUNTY

RE: PERMIT-UR-03075 (UR03075 9-25-07

UIC 59943

To The Office of the chief clerk of TCEQ,
My name is Mary Foerster.
My husband Hubert Allan and our son, Darwin bought 113 acres of land in Goliad County over 30 years ago. It was very run-down and together we built a very nice place out of it over the years. We want to keep it that way.
I was taking chemo treatments for several years but going out to our place and working in the clean air, water and being around our cows, I have not had a chemo treatment since 2001.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT -5 AM 10:19
CHIEF CLERKS OFFICE

Thank you
Mary Foerster
510 Dundee
Victoria, Tx. 77904
361-573-4714

OPA
OCT 05 2007
BY [signature]

P.S.
I wish to express my full support of the Goliad County Commissioners in their judgment that uranium cannot be mined safely in Goliad County. I support the plan by Goliad County commissioners to file for a contested case hearing over the concern of the impact on groundwater resources and the quality of the environment in Goliad County.

MW

9-25-07

UIC
59943

To the Office of the chief clerk of TCEQ,

My name is Mary Foerster.

My husband Hubert Allan and our son, Darwin bought 113 acres of land in Goliad County over 30 years ago. It was very run-down and together we built a very nice place out of it over the years. We want to keep it that way.

I was taking chemo treatments for several years but going out to our place and working in the clean air, water and being around our cows, I have not had a chemo treatment since 2001.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 SEP 28 AM 10:23
CHIEF CLERKS OFFICE

Thank you,
Mary Foerster
510 Dundee
Victoria, Tx. 77904

OPA
OCT 01 2007
BY

P.S.

I wish to express my full support of the Goliad County Commissioners in their judgment that uranium cannot be mined safely in Goliad County. I support the plan by Goliad County commissioners to file for a contested case hearing over the concern of the impact on groundwater resources and the quality of the environment in Goliad County.

MW

ROBERT W. GASTON
P. O. Box 1800
Corpus Christi, Texas 78403
(361) 215-7728

LTC
59943

July 21, 2008

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 25 PM 2:47
CHIEF CLERKS OFFICE
OPA
JUL 28 2008
BY BP

Office of the Chief Clerk
MC105
Texas Commission on Environmental Quality (TCEQ)
P O Box 13087
Austin, Texas 78711-3087

Ref: Uranium Energy Corp's Permit UR03075, Goliad County

Dear Sir:

I have been an active oil & gas landman for over thirty years in South Texas. Much of my time has been spent working with the good people of Goliad County. I have known them as reasonable traders with respect and concern for their land.

I am also an American with concerns for the future. I know how important long term energy is to our culture. I can see that our traditional energy source of oil and gas is falling behind on its ability to fulfill our needs. Part of the problem I see is political but I have real concern as to supply.

Many of the landowners in Goliad have uranium below their land. They have the right to enjoy the fruits of their good fortune and companies with the talent and know how have the responsibilities to extract that ore in a manner that will benefit both the landowner and the nation. I am well familiar with the in-situ mining process and know it to be a safe and minimally destructive means of extracting uranium ore. The process is new to South Texas and has been continually improved with each application.

As with most new things is-situ mining has its doubters. Every facet is met with uninformed fears of "what if". I can imagine how afraid early man was of fire before he learned to control it. Uranium is a clean energy source that can, more than any other, to reduce America's dependence on foreign fuels.

For these reasons I support Uranium Energy's proposed in-situ mining operation in Goliad County.

Yours truly,

Robert W. Gaston

Robert W. Gaston, landman

MW

1

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

2008 JAN 28 AM 9: 20
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLEASE PRINT: The Honorable

Name: HAROLD GLEINSER

Address: P.O. BOX 1097

City/State: GOLIAD TX **Zip:** 77963

Phone: (361) 645-8142

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☑ **Yes** ☐ **No**

If yes, which one? GOLIAD COUNTY Judge

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

? ☑ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

mw

LIIC
59943

pm OPA
JUL 14 2008
BY EB

Garland and Sherry Gloor
2484 FM 622
Goliad, Texas 77963

July 11, 2008

Office of the Chief Clerk, MC105
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, TX 78711-3087

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 14 AM 10: 30
CHIEF CLERKS OFFICE

Re: Proposed Permit No. UR03075 Uranium Energy Corp. (UEC)
UEC's Request for Exempted Aquifer

Dear Chief Clerk:

We request a public meeting in Goliad County, Texas with the Texas Commission on Environmental Quality and Uranium Energy Corporation regarding Proposed Permit No. UR03075 and UEC's request for an exempted aquifer.

Our names are Garland and Sherry Gloor from Goliad County Texas. We live about 7 miles south of the in situ mining site in the Ander/Weser area on 10 acres. We use our water for drinking purposes, bathing, household uses and for livestock. We also own 57 acres in the Weesatche area where we have cattle. We are very much concerned about our drinking aquifer and would like for you to hold a public meeting where the citizens in Goliad County can voice their concerns and issues stating their reasons why we do not want you to grant UEC an exemption for our aquifer. We feel like this has not been explained to the citizens of Goliad County. There is much concern in the community about the volume of disposed contaminated water that will go into the aquifer.

How successful has restoration been in other places that have had in situ mining take place? We feel like clean up standards cannot be reached to their fullest. Our opinion is that uranium mining cannot be done safely without risking the quality of our drinking water. TCEQ is responsible for protecting our water and if you issue the aquifer exemption, you are shunning your duty.

Thank you very much for taking time out of your busy schedule to read our concerns.

Sincerely,

Garland Gloor
Sherry Gloor

Cc: Representative Yvonne Gonzalez Toureilles
Senator Glenn Hegar
USEPA Region 6 – Jose Torres

mw

UIC
59943

OPA
OCT 17 2007
BY

Diane Harper
526 Noll Rd.
Meyersville Tx.
Victoria County
361-570-1646

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin Tx.78711-3087

Hello,

My name is Diane. I am a single mother of five sons. Two of them are of adult age and one of them is married with children of his own. We all live on a little over six acres, on Noll Rd., that we share with my parents. My parents are both in their seventies. We have four generations of my family living on our land that we were planning to keep passing down. Recently, we found out that we are living on a large uranium deposit that may or may not have already contaminated our water well. What we do know is that we need to test our water right away. We also need answers, so we are requesting a public meeting. We are very concerned for our water quality effecting our health and the health of all the children in the area, should this mining take place so close to our home.

Thank-you for taking the time to read my letter. I know this is of great concern to a lot of people and you are very busy.

Diane Harper

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT 17 AM 10:00
CHIEF CLERKS OFFICE

URO3075

UIC
309943

Diane Harper

526 Noll Rd.

Meyersville Tx.

Victoria County

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin Tx.78711-3087

Hello,

My name is Diane. I am a single mother of five sons. Two of them are of adult age and one of them is married with children of his own. We all live on a little over six acres, on Noll Rd., that we share with my parents. My parents are both in their seventies. We have four generations of my family living on our land that we were planning to keep passing down. Recently, we found out that we are living on a large uranium deposit that may or may not have already contaminated our water well. What we do know is that we need to test our water right away. We also need answers, so we are requesting a public meeting. We are very concerned for our water quality effecting our health and the health of all the children in the area, should this mining take place so close to our home.

Thank-you for taking the time to read my letter. I know this is of great concern to a lot of people and you are very busy.

Diane Harper

OPA PM

BY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT -1 AM 10:37
CHIEF CLERKS OFFICE

Marshall Hens
468 Danforth Rd
Goliad, TX 77963
361-645-8487

~~To~~ 9-25-07

UIC 59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

OPA pm

2007 OCT -4 AM 10:40

CHIEF CLERKS OFFICE

OCT 04 2007

BY

To Whom it may concern

RE: -UR 83075

I am a rancher in Goliad County, Texas. Part of our ranching operation is land that is in the 4th generation of our family. I am very concerned that the mining of uranium in our county will ruin our water and thus our land and livlihood. Even the uranium miners are saying that they will only recover ~80% of the stirred up uranium, so it is obvious that our water will contain the other 20% of the stirred up uranium. With this in mind I am respectfully requesting a public meeting in Goliad. I fully support our Goliad County Commissioners belief that uranium can NOT be mined safely with our water table.

Thank you for your time and consideration.

Sincerely,

Marshall Henson MW

UIC
59943

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 14 PM 2:48

CHIEF CLERKS OFFICE

Mrs. Marlene Hillrich
722 Camp Colet Rd.
Goliad, Texas 77963
(361) 578-1254
12-11-07

OPA

JAN 15 2008

BY ____

Office of the Chief Clerk, MC 105

Ms LaDonna Castanuela
Texas Commission on Environmental Quality
PO Box 13087

Austin Texas 78711-3087

Re: permit #UR03075 application by Uranium Energy Corp.

Dear Ms. Castanuela:

I am Marlene Hillrich. I live about eight Miles from Area in the permit. I thank you for granting us a Meeting in the Goliad Area, and a Contested Case hearing for permit # UR03075-
al: permit # UR03075.

I use My Water for drinking, washing Clothes, livestock, Vegetable garden, washing ~~Dry~~ vehicles washing dishes, bathing and etc.

I have lived in Goliad County for 72 years. MW

I have always had good water.
I want to keep our wildlife, trees and grass.
Please keep our Groundwater safe, so that
My Children, grandchildren, and Greatgrand
Children will have the same benefits from the
property as I did.

I wish to express my full support of Golden
County Commissioners in their judgment that
Uranium can Not be Mined safely in Golden County.

Thank-you for your time and interest in our
Concern.

Sincerely,

Mrs. Marlene Hilbrich

Please post map on the internet of all areas that are within and adjacent to permit areas. This will help residents determine if they are in a zone that may potentially be effected.

Karen Hoblit 1768 Berger Rd Goliad TX 77963

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:26
CHIEF CLERKS OFFICE

mw

UIC
59943

Randall Hoblit and Dr. Karen Hoblit
1768 Berger RD.
Goliad, Texas 77963

OPA

BY gb

2008 JAN -7 PM 3:28
CHIEF CLERKS OFFICE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

January 03, 2008

Office of the Chief Clerk, MC 105

Ms. LaDonna Castenuela
Texas Commission on Environmental Quality
PO Box 13087
Austin, Texas 78711-3087

Re: Permit #UR 03075; Application by Uranium Energy Corp.

Dear Ms. Castanuela:

We am writing to you with concerns about the effect of uranium exploration and mining on our water supply. My husband, daughter and I live on five acres in the Schroeder area of Goliad county. We purchased our home here six years ago and have invested a lot in improvements since we moved in. We use the water, as any residential homeowner does, for drinking, bathing, washing clothing and dishes, watering the lawn etc.. Of course, you must also know that our neighbors use their wells in the same way with possible added uses for livestock or farming. We are concerned that the disturbance of the ground water here by uranium exploration will contaminate our water supply. This will cause hardships for all that are affected. We have already heard several residents from parts of the county already under exploration, state that their water has been contaminated. We have seen samples of the nasty gel like substance now coming from their wells.

Unfortunately it seems as though it is on the back of the victims to prove that the uranium exploration is what actually contaminated their water. The uranium company has the means to provide top quality legal representation and go through long court litigation that a single resident cannot afford. This makes the fight to get a contaminated well cleaned up or to get monetary compensation for the loss of water futile for a single resident.

We currently live only three or four miles from the area that is to be explored in the coming weeks. We have placed our names on the waiting list for official well water testing and will have to wait a couple weeks to get the sample taken. This alone will cost us 300.00, thus our expense is already beginning. We have even considered selling out now and moving but unfortunately people are already leery about buying homes in Goliad county due to the negative implications of future uranium exploration and mining.

We are very disappointed that our desire to live a simple country life may be cut short. We cannot afford to have water delivered to our home each week if our water becomes unsafe. We do not see the need to destroy the water supply in search of uranium and we support the Goliad County Commissioners' judgment that uranium cannot be mined safely in our county. We hope that you or those in charge of issuing permits will reconsider any decisions in support of exploration and mining of uranium in our area. Please place us on your mailing list for any contamination notices.

Thank you for your help in getting a case hearing in this matter, and any help that you can give us in the future.

Sincerely,

Randall Hoblit Dr. Karen Hoblit

Randall Hoblit and Dr. Karen Hoblit

mw

TCEQ Public Meeting Form

Thursday, January 24, 2008

24

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

PLEASE PRINT:

Name: Donna Hoffman

Address: 1202 San Antonio St.

City/State: Austin TX **Zip:** 78701

Phone: (512) 477-1729

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:24
CHIEF CLERKS OFFICE

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☑ **Yes** ☐ **No**

If yes, which one? Lone Star Chapter, Sierra Club

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

☑ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at <u>any time</u> during the meeting)

Opposing the permit.

Please give this to the person at the information table. Thank you.

MW

OPA

JAN 28 2008

BY EB

UIC 59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 JAN 28 AM 10: 33

CHIEF CLERKS OFFICE

"formal comment"

January 22nd 2008

Dear TCEQ District 14

I just wanted to let you know, since I'm just finding out about this public meeting,
I am 100% Totally & Permanently Disabled, and won't be able to attend, nor would my
written statement make it in time, that:

I am 100% opposed to your guidance on the possibilities of ground water contamination
from this process. You should not need to be told of the dangers to us involving this process,
therefore, if you do authorize the permit, we will hold the TCEQ Administration accountable
for any and all damages to our water supply arising from the authorization of this permit.

<u>I submit a formal request to be on the mailing list for this application.</u>

Respectfully, and on behalf of the citizens of Victoria County

<u>Mailing Address</u>

Robin M. Holy, 502 Clay Dr., Victoria, Texas 77904

<u>www.VictoriaTexas.org</u>

January 22nd 2008

Robin M. Holy January 23, 2008

re: Permit Application ~~No. UR03075~~

Public Notice Description Results

<u>Close Window</u>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Protecting Texas by Reducing and Preventing Pollution

NOTICE OF PUBLIC MEETING ON AN APPLICATION FOR A NEW UNDERGROUND INJECTION CONTROL PERMIT PROPOSED PERMIT NO. UR03075

APPLICATION. Uranium Energy Corp., 100 East Kleberg, Suite 210, Kingsville, Kleberg County, Texas 78363, has applied to the Texas Commission on Environmental Quality (TCEQ) for a new Class III

MW

Underground Injection Control Permit proposing to conduct in situ recovery of uranium at their facility. The facility is located 13.3 miles north on U.S. 183 from the City of Goliad to FM 1961, then two miles east to the site.

The TCEQ Executive Director has determined the application is administratively complete and is currently under technical review. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application.

PUBLIC COMMENT/PUBLIC MEETING. A public meeting will be held and will consist of two parts, an Informal Discussion Period and a Formal Comment Period. During the Informal Discussion Period, the public is encouraged to ask questions of the applicant and TCEQ staff concerning the application and the Executive Director's preliminary decision, but these informal comments made during the informal period will not be considered by the Commissioners before reaching a decision on the permit and no formal response will be made. During the Formal Comment Period, members of the public may state their formal comments into the official record. A written response to all formal comments will be prepared by the Executive Director and considered by the Commissioners before they reach a decision on the permit. A copy of the response will be sent to each person who submits a formal comment or who requested to be on the mailing list for this application and provides a mailing address. Only relevant and material issues raised during the formal comment period can be considered if a contested case hearing is granted.

The Public Meeting is to be held: January 24, 2008 at 7:00 p.m. Immaculate Conception Parish Hall 225 N. Commercial Street Goliad, Texas 77963

INFORMATION. Citizens are encouraged to submit written comments anytime during the meeting or by mail before the meeting to the Office of the Chief Clerk, TCEQ, Mail Code MC-105, P.O. Box 13087, Austin, TX 78711-3087. If you need more information, please call the TCEQ Office of Public Assistance, Toll Free, at 1-800-687-4040. Si desea información en Español, puede llamar 1-800-687-4040. General information about the TCEQ can be found at our web site at www.tceq.state.tx.us.

The permit application is available for viewing and copying at the Goliad County Courthouse, 127 N. Courthouse Square, Goliad, Texas 77963. Further information may also be obtained from Uranium Energy Corp, 100 East Kleberg, Suite 210, Kingsville, Kleberg County, Texas 78363, or by calling Mr. Josh Leftwich, at (361) 991-9720.

Issued: December 13, 2007

uic
59943

OPA
JAN 24 2008
BY BP

"formal comment"

January 22nd 2008

Dear TCEQ District 14

I just wanted to let you know, since I'm just finding out about this public meeting,
I am 100% Totally & Permanently Disabled, and won't be able to attend, nor would my
written statement make it in time, that:

I am 100% opposed to your guidance on the possibilities of ground water contamination
from this process. You should not need to be told of the dangers to us involving this process,
therefore, if you do authorize the permit, we will hold the TCEQ Administration accountable
for any and all damages to our water supply arising from the authorization of this permit.
I submit a formal request to be on the mailing list for this application.
Respectfully, and on behalf of the citizens of Victoria County

Mailing Address
Robin M. Holy, 502 Clay Dr., Victoria, Texas 77904
www.VictoriaTexas.org
January 22nd 2008

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 23 PM 4:43
CHIEF CLERKS OFFICE

re: Permit Application No. UR03075

Public Notice Description Results

Close Window

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Protecting Texas by Reducing and Preventing Pollution

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Issued: December 13, 2007

IP# 98767

CHIEFCLK - Permit Application No. UR03075

From: "Robin M. Holy" <[redacted]>
To: <chiefclk@tceq.state.tx.us>
Date: 1/22/2008 1:39 AM
Subject: Permit Application No. UR03075

uic
59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 23 AM 8:31
CHIEF CLERKS OFFICE

"formal comment"

January 22nd 2008

Dear TCEQ Distric 14

I just wanted to let you know, since I'm just finding out about this public meeting,

I am 100% Totally & Permanently Disabled, and won't be able to attend, nor would my

written statement make it in time, that:

I am 100% opposed to your guidance on the possibilities of ground water contamination

from this process. You should not need to be told of the dangers to us involving this process,

therefore, if you do authorize the permit, we will hold the TCEQ Administration accountable

for any and all damages to our water supply arising from the authorization of this permit.

<u>I submit a formal request to be on the mailing list for this application.</u>

Respectfully, and on behalf of the citizens of Victoria County

BY

<u>Mailing Address</u>

Robin M. Holy, 502 Clay Dr., Victoria, Texas 77904

OPA
JAN 23 2008

www.VictoriaTexas.org

January 22nd 2008

re: Permit Application No. UR03075

MW

Public Notice Description Results

Close Window

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Protecting Texas by Reducing and Preventing Pollution

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Issued: December 13, 2007

UIC
59943

OPA
OCT 17 2007
BY

526 Noll Rd.
Meyersville Tx.
Victoria County

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin Tx.78711-3087

To Whom It May Concern;

My name is Peter Hughes and I live on Noll Rd. in Victoria County. My property is less than five miles from the proposed mining site, and that greatly concerns me. I have seen the effects of this type of mining gone bad and it is sickening. We moved to the country to enjoy a safer environment, and now we find out our wells could be contaminated, and our property worthless. I am asking for a public meeting. I am at an age where starting over is not in my plans of retirement. I need to know safety facts and statistics on complete cleanup after a mining process as this.

Thank-you!
Peter Hughes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT 17 AM 10: 00
CHIEF CLERKS OFFICE

UR03075

UIC 59943

OPA PM

BY

526 Noll Rd.

Meyersville Tx.

Victoria County

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin Tx.78711-3087

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Thank-you!
Peter Hughes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT -1 AM 10: 37
CHIEF CLERKS OFFICE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 JAN 28 AM 9:26

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: KATHLEEN M. JACKSON

Address: PO BOX 1

City/State: FANNIN TX **Zip:** 77960

Phone: (361) 571 9930

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☑ **No**

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☐ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

8 written QUESTIONS

KATHLEEN JACKSON
P.O. BOX
FANNIN, TX 7960
361 571 9930

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

1 The 3 violations found by the TRC, what fines if any were levied?

2 Does the ~~TQEC~~ CEQ have the power (regulations) to levy fines for violations committed by UEC?

3 WHAT LABRATORY TESTS THE WELL SAMPLES?

4 ARE THESE LABS SUBJECT TO UNANNOUCED RETESTING, PROCEDURE CHECKS, ETC? BY THE TCEQ OR THE TRC

5 THE SINGLE CANCER STUDY, WAS IT FUNDED BY THE URANIUM INDUSTRY?

6 WHAT IF UEC SELLS IT'S HOLDINGS IN LULIADO COUNTY TO ANOTHER COMPANY BEFORE RULES ARE FOLLOWED OR DECLARES BANKRUPCY WHAT WILL HAPPEN?

2008 JAN 28 AM 9:26
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

7 WHAT IS THE AMOUNT OF UEC BOND?

8 WHAT IS INCLUDED IN THE ON SITE TCEQ INSPECTION + IS THIS PUBLIC RECORD?

MW

OPA

UIC
59913

JUL 29 2008

BY BP

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 JUL 28 PM 2:25
CHIEF CLERKS OFFICE

Texas Comission on Enviromental Quality

Dear members,

Our family has been on this property since the 1840s and have always been good stewards of the land.

We leased to UEC soon after they came to Goliad Co. We were familiar with their mining process since we had leased to a uranium Company in the early 1980s. They explored in this same area with no ill effects.

The energy crisis that we are facing in the United States certainly need a clean energy source like nuclear.

The small group that is fighting UEC was started by one woman who came to the first UEC information meeting determined to fight this project and has set out to convince all listeners that she is right

UEC has tried to bless this county, giving scholarships to local students and trading here when possible.

We support this project whole heartedly and know it will be a boost to our economy.

Joe and Betty Jacole mw
302 N Church Goliad Tx 77963

OPA

OCT 15 2007

BY _____

KELLY HART & HALLMAN LLP
301 CONGRESS AVENUE, SUITE 2000
AUSTIN, TEXAS 78701

Telephone: (512) 495-6400
Telecopy: (512) 495-6605
Writer's Direct Dial: (512) 495-6405
Email Address: monica.jacobs@khh.com

201 Main Street, Suite 2500
Fort Worth, Texas 76102
1000 Louisiana, Suite 4700
Houston, Texas 77002

UIC 59943

October 11, 2007

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2007 OCT 12 AM 10: 32
CHIEF CLERKS OFFICE

Via Facsimile: (512) 239-3311
and Regular Mail
Ms. LaDonna Castañuela
Office of the Chief Clerk, MC-105
Texas Commission on Environmental Quality
PO Box 13087
Austin, TX 78711

Re: Permit No. UR03075

Dear Ms. Castañuela:

We recently received a copy of an October 3, 2007, letter from Mary W. Carter with Blackburn Carter regarding the availability of Uranium Energy Corp.'s ("UEC") application. The application has been available for viewing and copying at the Goliad County Courthouse, PO Box 677, Goliad, Goliad County, Texas since the date of newspaper publication of the Notice of Receipt of Application and Intent to Obtain Permit per TCEQ's instruction and 30 TAC § 39.405(g)(1).

Since Ms. Carter's letter was submitted at least five business days after the date of publication, we have inquired at the Courthouse to verify that the application is in place and available for viewing; as of October 10, 2007, the application is still at the Courthouse and is still available for review. Ms. Jill McKinney is the contact person at the Courthouse; her phone number is (361) 645-3337.

Please do not hesitate to contact me in the event that there is any further confusion regarding the whereabouts of the application.

Sincerely,

Monica Jacobs

884089_1

mcl

UIC
59943

RE. Permit # UR03075

September 24, 2007

Office of the Chief Clerk, MC105
TCEQ
P.O. Box 13087
Austin, Texas 78711-3087

OPA PM
CHIEF CLERKS OFFICE
2007 OCT -4 AM 10: 32
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
BY

Chief Clerk,

I am Janet Friesenecke; farmer, rancher, housewife, and a resident of Goliad County. We have many concerns regarding the uranium mining in our county. Beside the fact that potentially our beautiful landscape will suffer, our livelihood and our health are at stake also.

Therefore, I strongly oppose uranium mining in Goliad County. Please help us in this matter! Please don't approve the permit!

We, my husband & I, fully support the judgement of the Goliad County Commissioners in their decision to fight against the uranium mining. I also support them to file for a contested case to protect our groundwater and environment.

Thank you for your time and am praying for all of you to have our best interests at heart.

We want a public meeting in Goliad County.

Sincerely,

Janet Friesenecke, 6999 Old Goliad Rd., Goliad Tex. 77963
361-645-3975

MW

14

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:23
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: Jim KRENECK

Address: 6999 Old Goliad Rd

City/State: Goliad TEXAS **Zip:** 77963

Phone: (361) 550-6642

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☑ **Yes** ☐ **No**

If yes, which one? Goliad County Commissioner

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

Texas Commission on Environmental Quality
The Honorable LaDonna Castanuela
Chief Clerk
MC-105, TCEQ
P. O. Box 13087
Austin, TX 78711-3087

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

Re: TCEQ Public Meeting January 24, 2008

My name is Jim Kreneck. I'm County Commissioner in Goliad County.

In the event of a drastic price drop in uranium and it is not profitable to continue mining, who will be responsible for the restoration of our aquifer?

If the mining company files bankruptcy and walks away and all bond money is spent, who will be responsible for the restoration of our aquifer?
These issues need answers because ultimately the responsibility is on the taxpayers.

Thank you for allowing these questions and having this meeting in Goliad.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 23
CHIEF CLERKS OFFICE

Jim Kreneck

Jim Kreneck
6999 Old Goliad Road
Goliad, TX 77963

MW

Office of the Chief Clerk
RE- Permit UR03075

UIC
59943

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

Dear Sirs:

9-24-2007

2007 OCT -4 AM 10: 42

CHIEF CLERKS OFFICE

My name is Jim Kreneck. I am one of the four County Commissioners in Goliad County. I was born in Goliad County and raised in Karnes County where uranium mining started in the mid 50's. Karnes county has been plagued with contaminated water, cancer causing illness and ruined landscapes. Goliad County has a sloping aquifer and without a confined aquifer, in-situ mining cannot be done safely. I am a fifth generation landowner in Goliad County, and land and environment come first. We will file for a contested case hearing over the concern of the impact on groundwater resources and the quality of the environment in Goliad County

Thank you,

Commissioner Jim Kreneck
6999 Old Goliad Rd
Goliad, TEXAS 77963
361-550-6642

OPA

OCT 04 2007

BY D

MW

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 28

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: LARRY LANGE

Address: 7483 US 183 N.

City/State: GOLIAD, TEXAS **Zip:** 77963

Phone: (361) 645-3011

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☑ **No**

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☐ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

To: Office of Chief Clerk, TCEQ
MAIL CODE MC-105
P.O. BOX 13087
Austin, Texas 78711-3087

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING
2008 JAN 28 AM 9:28
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

FROM: LARRY LANGE
~~7483~~ U.S. 183 N
GOLIAD, TEXAS 77963
AC 361 645-3011

SUBJECT: Effects Uranium Mining will have on our Water supply.

DATE: 1-24-2008 PERMIT UR03075

My name is Larry Lange. I own property 7 to 9 Miles, North east of Goliad. I am a rancher and Wildlife Manager on the Lange and Collins Ranchs. My main Concern is the effects Uranium mining will have on our aquifer. It is my understanding that our aquifer cannot support this project, And in drought Conditions what will we have. Also my Concerns are

1. Contamination of Water for drinking, farming and ranching.

MW

2. Loss of Water for drinking purposes.
3. Loss of our Water levels that we are pumping from at this time.
4. Pollution of ponds, streams, creeks.
5. Long term affects of Aquifer Contamination on health of humans, livestock and Wildlife

There is no way Permit UR03075, should be approved.

Larry Lange

Kyle Lester
1322 Coletoville Road South
Victoria, TX 77905
361 573 3958

UIC 59943

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 25 PM 2:45
CHIEF CLERKS OFFICE

OPA
JUL 28 2008
BY

July 22, 2008

Office of the Chief Clerk
MC 105
Texas Commission on Environmental Quality (TCEQ)
P.O. Box 13087
Austin, Texas 78711-3087

Dear Sir:

I do support Uranium Energy Corp's proposed in situ mining operation (Proposed Permit No. UR03075) in Goliad County.

Linda and I moved into Goliad County in 1976 and have resided here continuously. Our mailing address is Victoria, TX but our actual residence is Goliad County where we vote, pay property tax and raised our children who graduated from Goliad High School.

After listening to a negative campaign about uranium exploration and mining in Goliad County, I studied the facts and issues for myself via the world wide web and feel that the bulk of the negativity is based on the hysteria of a relatively small group of residents; it is unsubstantiated and not based on concise, factual information.

ISR (In Situ Recovery) is far superior to open-pit mining methods employed in adjacent Karnes County in years past; it is safe, efficient and non-invasive. A rigid permitting process further protects county residents, the environment and the water supply with regulatory oversight throughout the entire process from exploration through mining through restoration and reclamation.

A look at the UEC management team credentials reveals many, many years of experience in the uranium energy business. Our county and our country needs to explore and develop non-petroleum based sources of energy to supplement and sustain our growing energy requirement. Petroleum will always be important to our future. Uranium can and should play a vital role in our future as well. UEC is well equipped to safely recover the gift of a rich uranium deposit that is in Goliad County.

Our children do not live or work in Goliad County due to the lack of significant employment opportunities. This project and others will create jobs and commerce in the county. Many Goliad County residents regularly gas-up and drive to another county for employment. We should welcome with open arms any company who is willing to invest in our county and create economic benefit for the region.

Unwarranted protest and delay tactics soak-up research and development capital and make investors overly guarded. Goliad County needs development capital investments for our future growth so that our community can offer quality employment to all residents and their children. UEC will conduct its operations in a way that meets or exceeds all federal and state regulations. The water supply will not be compromised. I encourage you to approve Proposed Permit No. UR03075.

Please add me to the notification list for any activity related to the proposed permit.

Sincerely,

Kyle Lester

mw

TCEQ Public Meeting Form

Thursday, January 24, 2008

11

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

2008 JAN 28 AM 9: 22
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLEASE PRINT:

Name: Sandra Lewis

Address: Po Box 677

City/State: Goliad Tx **Zip:** 77963

Phone: (361) 645-8241

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☐ **No**

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

J. Naomi Linzer Indexing Services

422 Stages Drive, Corpus Christi, TX 78412
361-334-5505 - 361-563-2004 (mobile) - 206-339-2850 (fax) - jnlinzer@yahoo.com

UIC
50943

pm OPA

JUL 28 2008

BY BP

July 22, 2008

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 24 PM 2:53
CHIEF CLERKS OFFICE

Office of the Chief Clerk, MC 105
Texas Commission on Environmental Quality
PO Box 13087
Austin, TX 78711-3087

Re: Proposed Permit No. UR03075 Uranium Energy Corp. (UEC) and Request for Exempted Aquifer

Dear Chief Clerk:

I request a public meeting in Goliad County, Texas with the Texas Commission on Environmental Quality and Uranium Energy Corporation regarding Proposed Permit No. UR03075 and the UEC request for an exempted aquifer.

I am in support of the written request made by the Law Firm of Blackburn Carter, dated September 6, 2007, on behalf of Goliad County Commissioners Court, Goliad County, Texas for a contested case hearing on UEC's Proposed Permit No. UR03075 Application for a Class III Underground injection Control Permit and the UEC request for an exempted aquifer.

I am a resident of Corpus Christi, Texas. I value the historical nature of the town of Goliad, and the quality of life there, in the Coastal Bend, and in fact in the entire state of Texas.

I believe it is inconsistent for the legislature, who is spending so much time and money protecting water in Texas, to allow uranium mining, a process that is too potentially damaging to the aquifer.

The results of damage to the aquifer will affect not only the residents of Goliad, but also the entire Coastal Bend.

Visitors and tourists will hear of this damage to the aquifer that will affect the quality of the drinking water, and stop coming to the area.

Tourism to Corpus Christi, the Birdiest City, will also be affected by its proximity to this damage to the ecosystem.

This unconscionable action by the mining company, allowed by the legislature, goes against a long history of the preservation of the land that started with ranchers. New initiatives to preserve the ecosystem in Texas though contests, for example, that award joint prizes to photographers and land owners for exceptional wildlife photographs. continue this historic tradition of stewardship of the land.

Again, I believe it is inconsistent for the legislature, who is spending so much time and money protecting water in Texas, to allow uranium mining, a process that is to potentially damaging to the aquifer.

Please grant my request for another public meeting.

Thank you for the opportunity to submit our comments.

Yours truly,

J. Naomi Linzer
cc: Representative Yvonne Gonzalez Toureilles; Senator Glenn Hegar; Jose Torres, USEPA Region 6

mw

20

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 24
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: Ted Long Commissioner Precinct Four

Address: 358 E FM 1961

City/State: Goliad Texas **Zip:** 77963

Phone: (361) 564 2214

☒ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☒ **Yes** ☐ **No**

If yes, which one? Goliad County

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at <u>any time</u> during the meeting)

Please give this to the person at the information table. Thank you.

MW

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

OPA RECEIVED

JAN 24 2008

2008 JAN 28 AM 9: 24

AT PUBLIC MEETING

CHIEF CLERKS OFFICE

Texas Commission on Environmental Quality
The Honorable LaDonna Castanuela
Chief Clerk
MC-105, TCEQ
P. O. Box 13087
Austin, TX 78711-3087

January 24, 2008
Re: Public Comment at meeting on uranium mining permit application UR03075

My name is Ted Long. I am a Goliad County Commissioner and landowner/rancher in the mining area. I have lived in Goliad County for 23 years and at the present location since June of 1993. My property is located on FM 1961 about .3 of a mile East of Hwy 183. The property where we live has been in my wife's family well over 100 years. I also have ranch land leased within the permit area.

In the past 16 years since we moved to this property, we have had no problems with our water well. I do not think it is a coincidence that we and six other households developed problems with our water simultaneously with the onset of uranium exploration in this area.

I am concerned about what will happen if uranium mining is allowed in this area. If we are having problems now in the exploration phase, what problems can we expect if mining is allowed?

I am very concerned about the health and well being of not only me and my family, but the health and well being of my heirs and generations to come.

In conclusion, I have one question. Is it legal to mine a substance as hazardous as uranium in a drinking water aquifer, and if it is, WHY? If this permit is granted I will be in contact with each and everyone of you 10 years from today with an invitation to my place to have a **cool** glass of water and talk over these times.

Thank you for your time. I trust that the TCEQ will make the decision that is the best for all the citizens of Goliad County.

Sincerely,

The Honorable Ted Long
Goliad County Precinct 4 Commissioner
358 E. FM 1961
Goliad, TX 77963

MW

361-564-2819

UIC 59043

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Dorothy Lude
271 W FM 884
Goliad Texas 77963

9-24 2007 OCT -4 AM 10:32

CHIEF CLERKS OFFICE

Office of the Chief Clerk, MC 105
TCEQ

OPA PM

P.O. Box 13087
Austin, Tx 78711-3087

POST 11 A 2007

BY

RE: Permit UR03075

Dear Sir -

I wish to express my full support of the Goliad County Commissioners in their judgment that uranium cannot be mined safely in Goliad County.
I also support the plan by Commissioners of Goliad County to file for a contested case hearing over the concern of the impact on groundwater resources and the quality of the environment in ~~Goli~~ Goliad County.
I want a public Meeting in Goliad County.
I am a life long resident of this county and raise cattle and want the water to be good

Thank you

Dorothy Lude

Mrs Edna Martin
1996 Abramoit Rd,
Goliad, TX. 77963
Phone- 645-2031
1211-07

PM OPA
JAN 11 2008
BY BP

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 11 AM 10:36
CHIEF CLERKS OFFICE

Office of Chief Clerk - MC 105
Mrs LaDonna Castafiuela
Texas Commission On Envoirmental Quality
P.O. Box 13057
Austin TX. 78711-3087

UIC 59943

RE: Permit # UR03075; Application By Uranium energy Corp.

Dear Ms Castefeuera:

I am Edna Martin, I live about 9 miles from the area in the permit. I use my Water for drinking Vegetable garden, Washing clothes and livisockt. I lived here for 80 yrs and my water has always been good and I want to keep it that way for my children, grandchildren for future generations. Thats why I am requesting a public meeting in Goliad County to file a contested case hearing, over the concern of the impact on ground water resourse and quality of the envorment in Goliad county. Giving the Commishers Atthority to do so.

I would like to thank you for your time, and intrest in my concerns.

Sincerley,
Edna Martin

MW

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9:28

CHIEF CLERKS OFFICE

OPA RECEIVED

JAN 24 2008

AT PUBLIC MEETING

TO: KATHERINE NELSON

RE: PERMIT # 03075

We have been asked to voice our concern of why we oppose the above permit.

MY CONCERN IS "OUR WATER".

Water is becoming a very pricey commodity. The more contamination put in our water supply, the less usable it becomes.

You can not convince me that you can pull 73 million gallons of water per day and not disrupt my well which is about two miles away from the mining site.

Without clean, usable water, we would be forced to buy bottled water to drink but still need good usable water for cleaning needs and livestock use which would cost a fortune.

Sincerely,

Joyce J. Parma

Joyce J. Parma
1182 Dobskyville Road
Yorktown, Texas 78164

361-564-3002

MW

SIERRA CLUB
FOUNDED 1892

Lone Star Chapter

UIC
SOPH3

PM OPA
JUL 24 2008
BY KY

July 22, 2008

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 23 PM 3:52
CHIEF CLERKS OFFICE

Office of the Chief Clerk, MC 105
Texas Commission on Environmental Quality
PO Box 13087
Austin, Texas 78711-3087

Re: Proposed Permit No UR03075 Uranium Energy Corp and Request for Exempted Aquifer

Dear Chief Clerk,

The Lone Star Chapter of the Sierra Club is the state chapter of the oldest and largest conservation organization in the United States. We are writing to request a public meeting on UEC's proposed permit and request for exempted aquifer in Goliad County. We have more than 100 members residing in the Counties of Goliad, DeWitt, and Victoria Counties near the proposed mine and as an organization have been actively participating in meetings on the proposed mining operation.

We are also supportive of the written request made by the Law Firm of Blackburn and Carter, dated September 6, 2007 on behalf of the Goliad County Commissioners Court for a contested case hearing on the proposed permit and aquifer exemption. To the extent that individual landowners also request contested case hearings, we are also supportive as those living near the mine would suffer the largest consequence of exempting the aquifer and granting the permit.

We have serious concerns about the proposed uranium mine, as the mining has the potential to impact the groundwater in the area, on which both residents and livestock operators depend. Spills and traffic accidents could also put wildlife and residents at risk from the health impacts of not only the uranium but other toxics and heavy metals brought to the surface during the leaching process. The mine also could impact local tourism to this historic part of Texas.

Please grant this request for another public meeting as well as the County's and resident's request for a contested case hearing.

Sincerely,

Cyrus Reed
Conservation Director
Lone Star Chapter, Sierra Club

BG

TCEQ Public Meeting Form

30

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT: SISTER ELIZABETH RIEBSCHLAEGER (data enter "SR")

Name: SR. ELIZABETH RIEBSCHLAEGER, OSU

Address: 402 SECOND ST.

City/State: CUERO TX **Zip:** 77954

Phone: (361) 676-2921

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:24
CHIEF CLERKS OFFICE

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☒ **No**

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

mw

8

TCEQ Public Meeting Form

Thursday, January 24, 2008

ERIC ROSS SPOKE

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

2008 JAN 28 AM 9:21
CHIEF CLERKS OFFICE
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLEASE PRINT:

Name: ERIC ROSS / SHARON ROSS

Address: 4466 FM 1961

City/State: Goliad, TX **Zip:** 77963

Phone: (361) 645 1945

☐ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☑ **No**

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☐ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 21

CHIEF CLERKS OFFICE

OPA RECEIVED

JAN 24 2008 eb

AT PUBLIC MEETING

Eric and Sharon Ross
4466 EFM 1961
Goliad, TX. 77963

We offer this letter from our hearts, not because we have been paid to do so.

The land is part of our heritage. It has been in the family for six generations. We have invested our time and ourselves in the land. It is our home. Unlike others who do not live here but simply use the land for their profit and could care less about their neighbors, we have invested everything. We built a Christian Retreat center down by the creek with an attached Bed & Breakfast for use by all churches and residents. We hoped to bring people to historic Goliad, TX. Instead we have taken it off the website due to the current negativity of the uranium mining.

It is unrealistic to believe the uranium mining will not affect the area. At the very least it has cost some of us 350.00 dollars for each well to be tested. It has put family and friends against family and friends. People are selling off livestock and concerned about crops.

It is all about the money. It has nothing to do with patriotism, green earth or jobs. There will not be jobs for the average Goliad/Victoria resident. More jobs will be lost due to this than ever be created. Land values, livestock and crop prices will drop or be unattainable due to fear and lack of demand.

Having read the so called Guest Columnist article in regards to "Uranium Mining is Good for Goliad" I was amazed. Anyone can read that and understand what an advertisement/corporate authored letter it is.

I was trained and held a certification from the State of Texas as a radiographer several years ago. I understand the complexities and the associated fears of radiation.

A few points:

Exploratory drillers do not need to wear any Radionuclide suits, since they have not oxygenated the yellowcake to any degree.

Water does not run uphill, but capillary action and pressure can make water go different directions and flow at different rates.

No one can accurately say the flow of water and the changes that may occur, even to the potential of affecting Victoria, TX.

mw

Water quality can change but this about CONTAMINATED with RADIATION water.

We, as others in the county may be forced to relocate to a SAFER area.

I assure you there are many people that have fought in wars for this land and other senior citizens that cannot get out in the cold weather that are at home. They are telling us they are saying prayers that we will find a way to stop the loss of their home town of Goliad.

A few will profit, Many residents will lose everything.

Thank you.

0218 U.S. Hwy 183 S.
Cuero, TX 77954
361-275-5087

UIC 59943

Re: Permit UR 03075

Office of the Chief Clerk, MC 105
TCEQ
P.O. Box 13087
Austin, TX 78711-3087

OPA

BY

CHIEF CLERKS OFFICE
2007 OCT -4 AM 10:31
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Dear Sirs:

we live not far from the Goliad County line where uranium exploration is taking place. we have real concerns about water and air contamination and how this activity will effect us and future generations.

From all we have heard this proposed mining in a unconfined aquifer will lead to disaster.

we fully support the Goliad County Commissioners in their judgment that uranium cannot be mined safely in Goliad County.

with all our concerns we strongly support the request of a public meeting concerning the TCEQ Permit to mine in Goliad County.

we also support the plan by Commisioners of Goliad County to file for a contested case hearing over the concern on the impact on ground water resources and the quality of the environment in Goliad County.

Sincerely

Mr. & Mrs Obert Sagefiel

Obert Sagebiel
10218 U.S. Hwy 183 S.
Cuero, Tx 77957

CORPUS CHRISTI
TX 784 3 T
02 OCT 2007 PM

USA First-Class

Office of the Chief Clerk MC 105
TCEQ
P.O. Box 13087
Austin, Tx 78711-3087

RECEIVED
OCT 04 2007
TCEQ MAIL CENTER
RB

78711+3087

September 24, 2007

UIC
59943

Monte & Jeanette Salyer
4595 Franke Rd.
Goliad, TX 77963-3618

Re: Permit UR 03075

Office of the Chief Clerk, MC 105
TCEQ
P. O. Box 13087
Austin, TX 78711-3087

OPA

BY

CHIEF CLERKS OFFICE
2007 OCT -4 AM 10:32
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Dear Sir:

Monte and I live in Goliad County. We have a little over 300 acres and run approximately 50 head of grown cattle on our place. Our four children help with maintenance and animal care. We are retired and invested in this property for posterity – to leave something of value and tradition to our heirs.

We have heard numerous reports of degraded quality of water following uranium mining. It is said that this degradation also occurs to property in the close proximity of mining sites. Goliad Co. does not have a confined aquifer. We have refused to lease, however, we have no control over adjacent property.

Monte and I fully support Goliad County Commissioners theory that uranium mining cannot be performed safely in our County. Also support Goliad County Commissioners in their efforts to file for a contested case hearing of the tentative impact on groundwater resources and the possible impact on the environment in Goliad County.

Thank you for your time and consideration.

Sincerely yours,
Jeanette Salyer
MRS. MONTE SALYER
Monte Salyer
MONTE SALYER

361-645-8354

MW

UIC
50943

PM OPA

JUL 28 2008

BY BP

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 24 PM 2:53
CHIEF CLERKS OFFICE

July 22, 2008

Office of the Chief Clerk, MC 105
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: Proposed Permit No. UR03075 Uranium Energy Corp. (UEC)
UEC's Request for Exempted Aquifer

Dear Chief Clerk:

As property owners in DeWitt and Karnes Counties, which both adjoin Goliad County, my husband, Manfred Scheurich, and I are concerned about the potential for contamination of portions of the Gulf Coast Aquifer if TCEQ grants Uranium Energy Corporation's (UEC's) Proposed Permit No. UR03075 Application for a Class III Underground Injection Control Permit and UEC's request for an exempted aquifer.

Therefore, I am writing to request a public meeting in Goliad, Texas, with the Texas Commission on Environmental Quality and UEC. We believe that such a meeting would be useful because it would give concerned landowners near proposed uranium mining and production areas an opportunity to discuss their serious concerns with regulatory officials.

Chief among these concerns is evidence that no uranium company using the ISR mining process in Texas or elsewhere has ever restored groundwater to its "baseline" quality after they have finished mining in an area.

Also, we are aware of the fact that it is quite possible that the "baseline" values used to define the restoration table do not reflect the background quality of the water before any exploration and mining occurred. This is true because uranium mining companies operating in Texas have not been required to use sound statistical methodology in obtaining their sample of water wells to establish values for the restoration table. Rather, they were allowed to ***select wells of their choosing*** to establish these values.

The fact is that even when companies have used these ***selected*** wells to calculate restoration values to which they have agreed, they have never restored water to those agreed upon values.

We believe that TCEQ needs to meet with the public to explain how current regulations will prevent contamination of groundwater from occurring in Goliad County if the requests by UEC for Proposed Permit No. UR03075 and an exempted aquifer are granted.

Thank you for your consideration.

Venice Scheurich

Venice Scheurich
P.O. Box 10101
Corpus Christi, Texas 78460

MW

SIERRA CLUB
FOUNDED 1892

COASTAL BEND GROUP
SIERRA CLUB

P.O. BOX 3512
CORPUS CHRISTI, TX 78404

Office of the Chief Clerk, MC 105
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

UIC
59943 PM

July 21, 2008

OPA
JUL 28 2008
BY BP

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 24 PM 2:51
CHIEF CLERKS OFFICE

Re: Proposed Permit No. UR03075 Uranium Energy Corp. (UEC)
UEC's Request for Exempted Aquifer

Dear Chief Clerk:

On behalf of our Coastal Bend Sierra members in Goliad County, we request a public meeting in Goliad, Texas with the Texas Commission on Environmental Quality and Uranium Energy Corporation (UEC) regarding Proposed Permit No.UR03075 and UEC's request for an exempted aquifer.

Our membership also supports the written request made by the Law Firm of Blackburn Carter, dated September 6, 2007, on behalf of Goliad County Commissioners Court, Goliad County, Texas, for a contested case hearing on UEC's Proposed Permit No. UR03075 Application for a Class III Underground Injection Control Permit.

Even though TCEQ officials attended and spoke at a public meeting in Goliad on January 24, 2008, Coastal Bend Sierra is aware that many citizens' questions and comments which were submitted at that meeting have to date either not been addressed or are in need of further clarification.

Of special concern to our Goliad County members is the matter of groundwater contamination, usage, and restoration. They are aware that data in the historical record of ISR uranium mining in Texas, as well as in other locations in America and other countries, show clearly that all past efforts by uranium mining companies to restore groundwater to "baseline" levels have failed. These failures have occurred even when an enormous amount of groundwater has been used over a long period of time.

Coastal Bend Sierra members share the concern of Goliad County citizens that once again restoration efforts will fail. In addition, it is our contention that the Gulf Coast Aquifer belongs to all Texans--not just to those who have leased their land for ISR uranium mining. The area (423.8 acres) which UEC requests be exempted, is in this aquifer ***very*** close to wells that currently supply drinking water.

We believe that it would be helpful for TCEQ officials to host a public meeting in Goliad where they could explain how regulations would assure residents, property owners, and other concerned Texas citizens that the granting of UEC's applications defined above, will not result in yet another failed restoration effort which leaves residents with contaminated water.

Thank you for your consideration of this request.

Yours sincerely,

Venice Scheurich

Venice Scheurich, Secretary; Conservation Chair
P.O. Box 10101
Corpus Christi, TX 78460
361-241-4289; 361-960-4289

CC 1. Representative Yvonne Gonzalez Toureilles
111 South St. Mary's Suite 202
Beeville, TX 78103

2. Senator Glenn Hegar
P.O. Box 1009
Katy, TX 77492

3. USEPA Region 6
Attn. Jose Torres
1445 Ross Avenue Suite 1200
Mail Code: 6WQSG
Dallas, TX 75202-2733

mw

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 28

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: Venice Scheurich

Address: P.O. B. 10101

City/State: Corpus Christi, TX **Zip:** 78460

Phone: (361) 241-4289

☒ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☒ **Yes** ☐ **No**

If yes, which one? Coastal Bend Sierra Club

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☐ **I wish to provide formal oral comments.**

☒ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 PM 4:28
RECEIVED
CHIEF CLERK'S OFFICE
JAN 24 2008
AT PUBLIC MEETING

January 24, 2008
Re Permit # URO3075

Office of the Chief Clerk, TCEQ
Mail Code MC-105
P.O. Box 13087
Austin, TX 78711-3087

COMMENT:

Dan Kelley, investigative reporter for the Corpus Christi Caller- Times, examined 32 permits from closed South Texas in situ uranium mines and found that in all cases, TCEQ allowed the mining companies, upon their request, to lower the groundwater restoration standard significantly rather than required them to continue to follow the standard which was agreed to in the original permit. Clearly, TCEQ's regulations allowed for this "relief" to be granted legally during the relatively recent past.

QUESTION:

Have regulations now been changed so that this will no longer be legally possible?

If the answer is "yes," explain how the granting of relaxed standards (described in Dan Kelley's report of November 5, 2006, in the Corpus Christi Caller-Times) will no longer be possible under these new regulations.

If the answer is "no," how does TCEQ plan to avoid relaxing the standards for groundwater restoration when a uranium mining company makes such a request in the future?

Venice Scheurich
Conservation Chair
Coastal Bend Sierra Club
P.O. Box 10101
Corpus Christi, TX 78460
Ph. 361-241-4289; 361-960-4289
Jave241@sbcglobal.net

mw

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9:28

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: Doug Scott

Address: 5415 E. FM 1961

City/State: Goliad TX **Zip:** 77963

Phone: (361) 645 3184

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☑ No

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

did not speak

☐ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 28

CHIEF CLERKS OFFICE

To: Texas Commission on Environmental Quality
The Honorable LaDonna Castanuela
Chief Clerk
MC-105, TCEQ
P.O. Box 13087
Austin, TX 78711-3087

OPA RECEIVED

JAN 24 2008

AT PUBLIC MEETING

24 January,2008

From: Doug Scott
5415 E. FM 1961
Goliad, TX 77963
(361)6453184

Re: Public Comment at Public Meeting on uranium mining permit applicationUR03075

I am Doug Scott. I live in the northern part of Goliad County, approximately 1 ½ miles down dip from where new exploration is taking place.

There are many areas of the United States that are approaching a serious problem with having enough water to supply the large cities with drinking water. Texas is one of these areas.

Just today, January 24, 2008, the Victoria Advocate Newspaper had an article about the nuclear power industry and the serious problem of obtaining enough cooling water supplies during drought periods. This is a real problem in the nuclear power industry.

In actuality, the uranium mining permit application promotes the need for mining uranium to supply more nuclear power. If indeed, the nuclear plants are already in jeopardy due to insufficient water supplies, where will the water come from to sustain more nuclear power plants?

Thank You,

Doug Scott

NATION

The nuclear industry's 'Achilles' heel'

Southern drought could force nuke plants to shut down

BY MITCH WEISS
THE ASSOCIATED PRESS

LAKE NORMAN, N.C. – Nuclear reactors across the Southeast could be forced to throttle back or temporarily shut down later this year because drought is drying up the rivers and lakes that supply power plants with the awesome amounts of cooling water they need to operate.

Utility officials say such shutdowns probably wouldn't result in blackouts. But they could lead to shockingly higher electric bills for millions of Southerners, because the region's utilities could be forced to buy expensive replacement power from other energy companies.

Already, there has been one brief, drought-related shutdown, at a reactor in Alabama over the summer.

"Water is the nuclear industry's Achilles' heel," said Jim Warren, executive director of N.C. Waste Awareness and Reduction Network, an environmental group critical of nuclear power. "You need a lot of water to operate nuclear plants."

An Associated Press analysis of the nation's 104 nuclear reactors found that 24 are in areas experiencing the most severe levels of drought. All but two are built on the shores of lakes and rivers and rely on submerged intake pipes to draw billions of gallons of water for use in cooling and condensing steam.

Because of the yearlong dry spell gripping the region, the water levels on those lakes and rivers are getting close to the minimums set by the Nu-[illegible]r Regulatory Commission. [illegible]er the next several months, the water could drop below the intake pipes altogether. Or the shallow water could become too hot under the sun to use as coolant.

"If water levels get to a certain point, we'll have to power it down or go off line," said Robert Yanity, a spokesman for South Carolina Electric & Gas Co., which operates the Summer nuclear plant near Columbia, S.C.

Extending or lowering the intake pipes is not as simple at it sounds and wouldn't necessarily solve the problem.

The pipes are usually made of concrete, can be up to 18 feet in diameter and can extend up to a mile. Modifications to the pipes and pump systems, and their required backups, can cost millions and take several months. If the changes are extensive, they require an NRC review that itself can take months or longer.

Even if a quick extension were possible, the pipes can only go so low.

If put too close to the bottom of a drought-shrunken lake or river, they can suck up sediment, fish and other debris that could clog the system.

An estimated 3 million customers of the four commercial utilities with reactors in the drought zone get their power from nuclear energy. Also, the quasi-governmental Tennessee Valley Authority, which sells electricity to 8.7 million people in seven states through a network of distributors, generates 30 percent of its power at nuclear plants.

While rain and some snow fell recently, water levels across the region are still well below nor-

WHAT IF DROUGHT HITS VICTORIA, FUTURE NUKE PLANT?

Bill Jones said the drought that could force the temporary shut down of nuclear power plants across the Southeast illustrates his fears for Victoria.

Jones is a Region L water planner who also represents the branch of the O'Connor family that opposes Exelon Nuclear, which announced in December that Victoria is its primary site for a potential future plant.

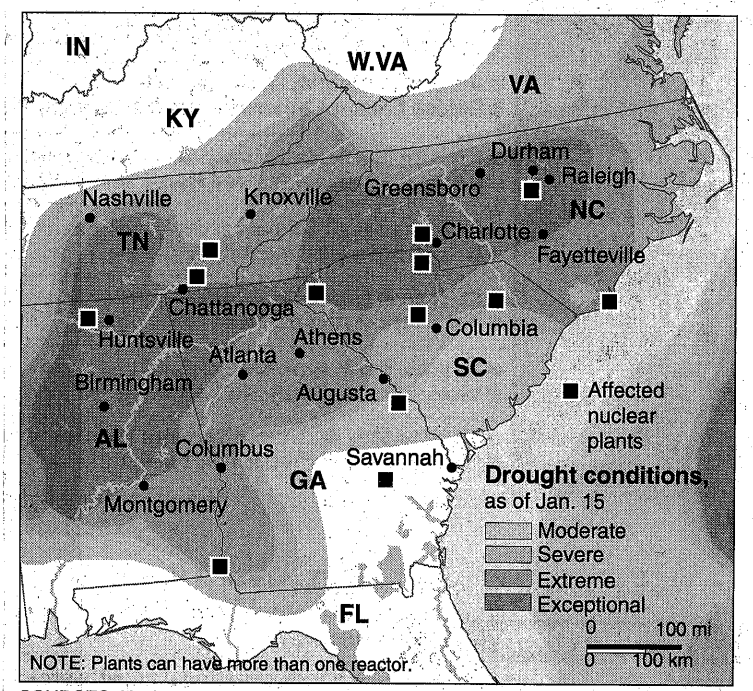
Tom Mundy, Exelon's director of new plant development, told the Advocate in December that provisions – such as a massive cooling pond – could help the plant operate during a drought.

The pond would be 5,000 acres large, Exelon officials estimate – or almost twice as large as Coleto Creek Pa rk and Reservoir's lake.

Part 1 of 2

Drought affecting nuclear plants

Twenty-four of the nation's 104 nuclear reactors are in areas experiencing the most severe levels of drought. Rivers and lakes supply power plants with the cooling water necessary to operate.



SOURCES: Nuclear Regulatory Commission; TerraServer USA AP

mal. Most of the severely affected area would need more than a foot of rain in the next three months – an unusually large amount – to ease the drought and relieve pressure on the nuclear plants. And the long-term forecast calls for more dry weather.

At Progress Energy Inc., which operates four reactors in the drought zone, officials warned in November that the drought could force it to shut down its Harris reactor near Raleigh, according to documents obtained by the AP. The water in Harris Lake stands at 218.5 feet – just 3½ feet above the limit set in the plant's license.

Lake Norman near Charlotte is down to 93.7 feet – less than a foot above the minimum set in the license for Duke Energy Corp.'s McGuire nuclear plant. The lake was at 98.2 feet just a year ago.

Part 2 of 2

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 JAN 28 AM 9:28

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: Judy Scott

Address: 5415 E FM 1961

City/State: Goliad TX **Zip:** 77963

Phone: (361) 6453184

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☑ **No**

If yes, which one? ~~Women~~

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☐ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 28

CHIEF CLERKS OFFICE
OPA RECEIVED

JAN 24 2008

AT PUBLIC MEETING

To: Texas Commission on Environmental Quality
The Honorable LaDonna Castanuela
Chief Clerk
MC-105, TCEQ
P.O. Box 13087
Austin, TX 78711-3087

24 January, 2008

From: Judy Scott
5415 E. FM 1961
Goliad, TX 77963
(361) 645-3184

Concerning: Permit #UR03075

Why should the profits of the few be at the expense of so many?

The engineered model of the water sands in our area all co-mingle. Thus if one becomes polluted, they will all become polluted. The pollution in the Duderstadt well is proof of that. The water was polluted by a human induced algae that spread rapidly, not unlike the red tide in the Gulf of Mexico, and began to pollute their well. Our water is not only in danger from the uranium mining-arsenic, radium, and other hazardous minerals and gases, but also from the other pollutants that the miners are introducing into the water.(ex. algae)

A large majority of the people who have leased don't live on their property, or haven't in a long time. They have no regard for the environment or their neighbors. These few people, who have leased, are hoping to make large sums of money at the expense of the farmers and ranchers who live on the land. These farmers and ranchers not only live on the land, but they depend on it to make a living and to raise their families.

We are not only concerned about instant pollutants, like arsenic and mining induced algae, but also of the long term affects on our own health by cancer causing agents that are brought to life by the mining process. What of the health of our children and young grandchildren, who also live on our ranch in the mining area?

If indeed these waters become polluted, there will be no water for livestock, crops, or human use and consumption. We will not even be able to market our livestock or our property. Is this what we want to pass down to our future generations ---an area where we have ruined the water thus making the land uninhabitable?

Thank You,

Judy Scott

mw

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 28

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: LARRY SISSON

Address: 461 LASSMAN ROAD

City/State: GOLIAD, TX **Zip:** 77963

Phone: (361) 645-2325

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☐ **Yes** ☑ **No**

If yes, which one? _____

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☐ **I wish to provide formal oral comments.**

☑ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

1/24/2008

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

#UR03075

2008 JAN 28 AM 9:28

CHIEF CLERKS OFFICE

OPA RECEIVED

JAN 24 2008

AT PUBLIC MEETING

Office of the Chief Clerk, TCEQ
Mail Code MC-105
P.O. Box 13087
Austin, Texas 78711-3087

Larry Sisson
461 Lassman Road
Goliad, Texas 77963
361-645-2325
lrsisson@dishmail.net

My first concern is the quality of the drinking water. The issue of mining in an open aquifer sends up a red flag for me. Any possible contamination of my drinking water is unacceptable.

Liability for ground water contamination: I have tested my water well for baseline data. Any change in that baseline data due to uranium mining is unacceptable.

Then there is surface water contamination. Run off from mining operations can contaminate Coleto Creek and eventually the reservoir. Absolutely no way is this acceptable. If it can happen, then don't even think about mining.

Airborne contamination is certainly a concern. You can't see it, smell it or taste it. Any possible airborne contamination is unacceptable.

Please take the most prudent position while contemplating the permit #U03075 for mining of uranium in Goliad. The lives of many innocent people hang in the balance.

Sincerely,

Larry Sisson

Larry Sisson

mw

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

doug scott

2008 JAN 28 AM 9:28
CHIEF CLERKS OFFICE

From: [redacted]
To: [redacted]
Sent: Thursday, January 24, 2008 12:48 PM
Subject: (no subject)

OPA RECEIVED
JAN 24 2008
AT PUBLIC MEETING

24 January 2008

Sheila Diane Skipper
5811 East FM 1961
Goliad, Texas 77963
361/645-1378

Permit #UR03075

Dear TCEQ,

I wanted to take this opportunity to voice my opinion on the Uranium testing, and mining, not just in my area, but everywhere. I am sure you will, and have received many intellectual letters talking about water tables, and all the different kinds of contaminants. I am only comfortable speaking about things I know about, and it is in this vein that I write.

I am a mother of 2 beautiful daughters. Ivy Rae is 6, and Eden is 4. I want, as every parent should, the very best for my daughters. I want them to be able to drink safe, clean, and delicious water, as well as bathe and wear clothes washed in safe, clean water. I want them to go play in the sprinkler, and on their slip-n-slide in safe, clean water. When they inherit this land from my husband and me, I want the same exact things at that time. I do not just live selfishly in the today…I think and dream about my children, their children, and on and on. I want the earth and all the wonderful beautiful things it has to offer cleaner and more beautiful for all future generations.

I want to ask you, before voting, or deciding on, or granting any of this to happen, I want you to ask yourself, "how would I feel if I lived here with my family? " Would you want your family near any of this? My answer is NO! My beautiful gifts are far too precious to risk!

Thank you,

Sheila Diane Skipper

Start the year off right. Easy ways to stay in shape in the new year.

RE. Permit UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

9-2407

Office of Chief Clerk 2007 OCT -4 AM 10: 42 PM OPA

Dear Sir.

CHIEF CLERKS OFFICE

BY D

UC 59943

I'm Junell Suggs, our family has owned property next to the testing site for one hundred four years. No water problems noted.

My late husbans and my life long savings are invested in my home. Which will be a total loss.

Testing will effect me. I will have dirty water to do all my household chores No clean water for family or animals Testing will cost extra expense for me as testing water and buying water.

I would like to request a Public meeting for Goliad Co.

Goliad Co Commissioners have my full support for their judgment that uranium cannot be safely mined in Goliad Co.

Thank you for your time

Junell Suggs
1483 E 884
Yorktown, Tx -
361-584-2826

MW

COASTAL BEND ENVIRONMENTAL COALITION
P.O.BOX 3512 Corpus Christi, 78404

LIC
SOAL13

PM OPA
JUL 24 2008
BY KY

July 23, 2008

2008 JUL 23 PM 3:54
CHIEF CLERKS OFFICE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin, TX 78711-3087

Re: Permit No. UR03075

Dear Chief Clerk:

Our organization requests a public meeting in Goliad county Texas with the TCEQ and the Uranium Energy Corporation with the citizens of Goliad county regarding the requested permit and the request for the declaration of an exempted aquifer.

The Environmental Coalition believes that the mining of uranium from this location will mobilize the existing uranium which is currently sequestered within the matrix of the aquifer and which will be mobilized by the process of the mining operation. The use of an oxidizing medium for the extraction of the uranium and other heavy metals from the reducing atmosphere in which they exist by the use of oxidizing hot water will enable the extraction of the metals, but will also result in residual uranium and other metals being left in a mobile state.

The water in the aquifer is now being used by humans and animals and we are concerned that the company will not be able to return the aquifer to its current state when they have extracted the usual uranium. WE ARE OPPOSED TO DECALRING THE AQUIFER AS AN EXEMPT AQUIFER.

There are over 3000 members of this coalition who live in several counties in the Coastal Bend and who depend on this aquifer for their drinking water. Contamination in one part will spread to the whole extent of the aquifer.

Again we request a public meeting in Goliad County for the purpose of exploring the effects on the citizens of the area which would result if the current application is granted.

Sincerely,

Patricia H. Suter

Patricia H. Suter, President &
Chairman, Coastal Bend Sierra Club

CORPUS CHRISTI RECYCLING MAIN GROUP, SINTON
COASTAL BEND SIERRA CLUB - COASTAL BEND AUDUBON SOCIETY - OPUS
AUDUBON OUTDOOR CLUB - EARTH SAVE

BG

TCEQ Public Meeting Form

Thursday, January 24, 2008

(18)

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9:23
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: Pat Suter

Address: 1002 Chamberlain

City/State: Corpus Christi TX **Zip:** 78404

Phone: (361) 852-7938

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☒ **Yes** ☐ **No**

If yes, which one? Coastal Bend Sierra Club

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☒ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

MW

UIC
59943

OPA

JUL 28 2008

BY BP

William R. Underdown
P.O Box 979
Goliad, TX 77963-0979
(361) 218-8348

July 21, 2008

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 24 PM 2:53
CHIEF CLERKS OFFICE

Office of the Chief Clerk
MC 105
Texas Commission on Environmental Quality (TCEQ)
P.O. Box 13087
Austin, Texas 78711-3087

Dear Sir:

I would like to add my support to Uranium Energy Corp's proposed in situ mining operation in Goliad County. (Proposed Permit No. UR03075)

This project will provide a much-needed economic benefit to the region and its residents: as well as, allowing the development of an important resource that can help the country reduce its reliance on foreign fuels and move toward achieving energy independence.

I am employed by UEC, as Manager of Texas Operations, and I have known many of the Upper-Management and Technical staff for several years and have a great deal of respect and confidence in their abilities to design, construct, and operate the proposed facilities. Also, I believe that UEC's management has and will continue to mandate that its operations be conducted in a manner that minimizes the impact to the environment, including the Groundwater.

Like many people in the county, I have strong ties to this region of the state. UEC has demonstrated its willingness to do this project the right way and to serve as a good corporate citizen. This project can serve as an example of how to mine uranium in a responsible manner that addresses the concerns of the community and safeguards the environment. I encourage you to approve Proposed Permit No. UR03075.

Sincerely,

W.R. Underdown

William R. (Bob) Underdown

MW

TCEQ Public Meeting Form

Thursday, January 24, 2008

13

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JAN 28 AM 9: 23
CHIEF CLERKS OFFICE

PLEASE PRINT:

Name: Kay Wild

Address: 4511 FM 953

City/State: Cuero **Zip:** 77954

Phone: (361) 275-5552

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☑ **Yes** ☐ **No**

If yes, which one? Pecan Valley GCD (DeWitt Co)

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

☑ **I wish to provide formal oral comments.**

☐ **I wish to provide formal written comments at tonight's public meeting.**

(Written comments may be submitted at any time during the meeting)

Please give this to the person at the information table. Thank you.

mw

UIC
39943

pm

OPA
JUL 29 2008
BY BP

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
2008 JUL 28 PM 2:27
CHIEF CLERKS OFFICE

July 23, 2008

Office of the Chief Clerk, MC 105
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: Proposed Permit No. UR03075 Uranium Energy Corp. (UEC)
UEC's Request for Exempted Aquifer

Dear Chief Clerk:

By this means I am requesting a public meeting in Goliad with TCEQ and UEC for the purpose of receiving clarification and amplification of the UEC application for an exempted aquifer.

I have seen UEC's map of the permit area in question--and the smaller area UEC wishes to have defined as an "exempted aquifer" simply because there are no water wells currently being used for drinking within that contorted, arbitrary boundary. All around that requested exempted aquifer area, and **very close by,** are **many** wells which are currently used for drinking water by the ranchers in the area. The true definition of an "exempted aquifer" concerns me greatly: Water in the aquifer is clearly not confined to one discrete area simply because a document declares that it is.

I have a ranch in Live Oak County where ISR uranium exploration is currently underway. What TCEQ does in Goliad County directly affects Live Oak County in this matter of the true definition of "exempted aquifer." If there ever was a case of obfuscation by industry, this is it.

Yours sincerely,

Mina G. Williams
141 Naples St.
Corpus Christi, TX 78404
361-882-1179; 361-960-4287

CC 1. Representative Yvonne Gonzalez-Toureilles
111 South St. Mary's Suite 202
Beeville, TX 78103

2. Senator Glenn Hegar
P.O. Box 1009
Katy, TX 77492

3. USEPA Region 6
Attn. Jose Torres
1445 Ross Avenue Suite 1200
Mail Code: 6WQSG
Dallas, TX 75202-2733

4. Miguel Flores, Division Director
USEPA Region 6
1445 Ross Avenue Suite 1200
Mail Code: 6QW
Dallas, TX 75202-2733

5. Richard Greene, Regional Administrator
USEPA Region 6
1445 Ross Avenue Suite 1200
Mail Code: 6RA
Dallas, TX 75202-2733

MW

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

2008 JAN 28 AM 9: 29

CHIEF CLERKS OFFICE

TCEQ Public Meeting Form

Thursday, January 24, 2008

Uranium Energy Corp.
Proposed Underground Injection Control Permit
UR03075

PLEASE PRINT:

Name: Mina Williams

Address: 141 Naples

City/State: CC, TX **Zip:** 78404

Phone: (361) 882-1179

☑ **Please add me to the mailing list.**

Are you here today representing a municipality, legislator, agency, or group? ☑ **Yes** ☐ **No**

If yes, which one? Sierra Club (Coastal Bend)

IF YOU WANT TO GIVE FORMAL COMMENT PLEASE ✓ BELOW

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☑ **I wish to provide formal written comments at tonight's public meeting.**

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TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2008 JAN 28 AM 9: 29

CHIEF CLERKS OFFICE

OPA RECEIVED

JAN 2 4 2008

AT PUBLIC MEETING

January 24, 2008
Re Permit #UR03075

Office of the Chief Clerk, TCEQ
Mail Code MC-105
P.O. Box 13087
Austin, TX 78711-3087

QUESTION: Since restoration of groundwater *post* uranium mining requires vast amounts of water, what mechanisms does TCEQ currently have in place for *pre-permitting* consultation with state, regional, county, and local water planning groups to ensure that sufficient water will be available long-term to complete the restoration process?

If such mechanisms exist, what are they specifically?

If such mechanisms do not exist, will TCEQ take the initiative in drafting regulations which would assure that consultations described in the question above would take place before uranium mining permits are granted?

Mina Williams
Vice-Chair, Coastal Bend Sierra Club
141 Naples
Corpus Christi, TX 78404
Ph. 361-882-1179; 361-960-4287
Mina141@sbcglobal.net

MW