



## Quarterly Sludge Summary Report Form (Class B)

Note 1: If your site has more than one land application field, please submit a separate form for each field.

Note 2: Please place this sheet at the top of your Quarterly Sludge Report.

Note 3: If you operate other registered/permited sludge land application sites, a form should be submitted for each site.

Note 4: Please send a copy of this sheet and all attachments to the TCEQ regional office in your area.

For TCEQ Quarter 4th Reporting Period from 2012 To 2013

PERMIT NO.: 04463 DATE: September 15, 2013

NAME OF PERMITEE: TRS Envirogenics

MAILING ADDRESS: PO Box 73006  
Houston, TX 77273-3006

CONTACT NAME: Todd Shearin TELEPHONE NO.: (336) 266-9134

Field Number (if any): 9 (Submit separate form for each field, if site has two or more fields)

- |   |  |                                 |
|---|--|---------------------------------|
| 1. Class B Sewage Sludge -Land Applied:   | <u>0.10</u>  | <u>dry tons/quarter</u>         |
| 2. Treated Domestic Septage- Land Applied:  | <u>0.00</u>  | <u>gallons/quarter</u>          |
| Method used to treat Domestic Septage   | <u>N/A</u>   |                                 |
| 3. Water Treatment Plant Sludge- Land Applied:  | <u>18.49</u>   | <u>dry tons/quarter</u>         |
| 4. Class A Sludge- Land Applied:  | <u>0.00</u>  | <u>dry tons/quarter</u>         |
| a. Acreage used for Sludge Application/disposal at this site:   | <u>62.21</u>   | <u>acres</u>                    |
| b. Site Vegetation (such as grass type etc) and # of cuttings:  | <u>Cotton, Corn, Milo, Bermuda grass &amp; Buffelgrass</u> |                                 |
| c. Does any of the sludge you have generated or received DOES NOT MEET concentration limits for any of the metals listed in Table 3 of "30 TAC §312.43(b)?" | Yes <u>                    </u>                            | No <u>X</u>                     |
| d. Site Location Latitude:  | <u>26 Deg 25 Min</u>                                       | Longitude: <u>98 Deg 30 Min</u> |
| e. Site physical address:   | <u>1.25 miles west of FM 2221 &amp; Seven Mile Road</u>    |                                 |

**Sewage Sludge Only – Please attach information regarding the following items:**

\* Please note the following information should be provided in computer-generated report format

\* Please place check mark before each item below to indicate that the item is attached to this report

- 1. Metal concentration, pathogen analysis data and vector attraction certifications of sludge for each source
- 2. Provide a list containing the name and permit number of each source of sludge
- 3. Date of delivery of each load of sludge land applied
- 4. Date of land application of each load of sludge
- 5. The cumulative metal loading rates for any metals as listed in Table 2 of 30 TAC §312.43(b)
- 6. The suggested agronomic rate for the class B sludge

**PLEASE MAIL THE COMPLETED QUARTERLY REPORT TO:**

Texas Commission on Environmental Quality  
Municipal Permits Team (MC 148)  
Wastewater Permitting Section  
P.O. Box 13087  
Austin, TX 78711-3087



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For TCEQ Quarter 4th Reporting Period from 2012 To 2013  
 PERMIT NO.: 04463 DATE: September 15, 2013  
 NAME OF PERMITEE: TRS Envirogenics  
 MAILING ADDRESS: PO Box 73006  
Houston, TX 77273-3006  
 CONTACT NAME: Todd Shearin TELEPHONE NO.: (336) 266-9134  
 Field Number (if any): 11 (Submit separate form for each field, if site has two or more fields)

1. Class B Sewage Sludge -Land Applied:	<u>0.11</u>	dry tons/quarter
2. Treated Domestic Septage- Land Applied:	<u>0.00</u>	gallons/quarter
Method used to treat Domestic Septage	<u>N/A</u>	
3. Water Treatment Plant Sludge- Land Applied:	<u>19.95</u>	dry tons/quarter
4. Class A Sludge- Land Applied:	<u>0.00</u>	dry tons/quarter
a. Acreage used for Sludge Application/disposal at this site:	<u>62.21</u>	acres
b. Site Vegetation (such as grass type etc) and # of cuttings:	<u>Cotton, Corn, Milo, Bermuda grass &amp; Buffelgrass</u>	
c. Does any of the sludge you have generated or received DOES NOT MEET concentration limits for any of the metals listed in Table 3 of "30 TAC §312.43(b)?"	Yes <u>                    </u>	No <u>X</u>
d. Site Location Latitude:	<u>26 Deg 25 Min</u>	Longitude: <u>98 Deg 30 Min</u>
e. Site physical address:	<u>1.25 miles west of FM 2221 &amp; Seven Mile Road</u>	

**Sewage Sludge Only – Please attach information regarding the following items:**

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- \* Please place check mark before each item below to indicate that the item is attached to this report

- X 1. Metal concentration, pathogen analysis data and vector attraction certifications of sludge for each source
- X 2. Provide a list containing the name and permit number of each source of sludge
- X 3. Date of delivery of each load of sludge land applied
- X 4. Date of land application of each load of sludge
- X 5. The cumulative metal loading rates for any metals as listed in Table 2 of 30 TAC §312.43(b)
- X 6. The suggested agronomic rate for the class B sludge

**PLEASE MAIL THE COMPLETED QUARTERLY REPORT TO:**

Texas Commission on Environmental Quality  
 Municipal Permits Team (MC 148)  
 Wastewater Permitting Section  
 P.O. Box 13087  
 Austin, TX 78711-3087



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For TCEQ Quarter 4th Reporting Period from 2012 To 2013  
 PERMIT NO.: 04463 DATE: September 15, 2013  
 NAME OF PERMITEE: TRS Envirogenics  
 MAILING ADDRESS: PO Box 73006  
Houston, TX 77273-3006  
 CONTACT NAME: Todd Shearin TELEPHONE NO.: (336) 266-9134

Field Number (if any): 21 (Submit separate form for each field, if site has two or more fields)

1. Class B Sewage Sludge -Land Applied:	<u>95.34</u>	dry tons/quarter
2. Treated Domestic Septage- Land Applied:	<u>0.00</u>	gallons/quarter
Method used to treat Domestic Septage	<u>N/A</u>	
3. Water Treatment Plant Sludge- Land Applied:	<u>2.43</u>	dry tons/quarter
4. Class A Sludge- Land Applied:	<u>0.00</u>	dry tons/quarter
a. Acreage used for Sludge Application/disposal at this site:	<u>62.21</u>	acres
b. Site Vegetation (such as grass type etc) and # of cuttings:	<u>Cotton, Corn, Milo, Bermuda grass &amp; Buffelgrass</u>	
c. Does any of the sludge you have generated or received DOES NOT MEET concentration limits for any of the metals listed in Table 3 of "30 TAC §312.43(b)?"	Yes <u>                    </u>	No <u>  X  </u>
d. Site Location Latitude:	<u>26 Deg 25 Min</u>	Longitude: <u>98 Deg 30 Min</u>
e. Site physical address:	<u>1.25 miles west of FM 2221 &amp; Seven Mile Road</u>	

**Sewage Sludge Only – Please attach information regarding the following items:**

\* Please note the following information should be provided in computer-generated report format  
 \* Please place check mark before each item below to indicate that the item is attached to this report

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- 5. The cumulative metal loading rates for any metals as listed in Table 2 of 30 TAC §312.43(b)
- 6. The suggested agronomic rate for the class B sludge

**PLEASE MAIL THE COMPLETED QUARTERLY REPORT TO:**

Texas Commission on Environmental Quality  
 Municipal Permits Team (MC 148)  
 Wastewater Permitting Section  
 P.O. Box 13087  
 Austin, TX 78711-3087

Site # 04463

Field 9

Suggested Agronomic rate 5.74

Metal	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Cumulative Metals	0.4701	0.3164	5.8160	42.9407	3.0668	1.9785	1.3700	1.9278	7.0499	55.8939

Site # 04463

Field 11

Suggested Agronomic rate 1.65

Metal	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Cumulative Metals	0.3955	0.3135	5.6149	35.5952	2.9557	1.9750	1.2647	1.8816	7.1207	54.0196

Site # 04463

Field 21

Suggested Agronomic rate 8.43

Metal	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Cumulative Metals	0.1965	0.0178	0.4143	38.7589	3.0380	1.9761	0.2974	0.2689	0.0963	10.7200

**Sewage Sludge Land Application Reporting Information**

4th quarter 2012 - 2013

Permit:	Regulated Entity:	RN104091186	Revisor:	am
WQ00468	Customer:	CN608212136	URS ENVIRONICS	
	Physical location:	4.25 miles west of the intersection of FM 2221 & 7 mile road		

Sludge Delivery Dates

- 6/4/2013
- 6/5/2013
- 6/6/2013
- 8/19/2013
- 8/20/2013
- 8/21/2013
- 8/21/2013
- 8/22/2013
- 8/26/2013
- 8/26/2013
- 8/26/2013
- 8/26/2013
- 8/28/2013
- 8/28/2013
- 8/28/2013
- 8/28/2013
- 8/28/2013
- 8/29/2013
- 8/29/2013
- 8/29/2013
- 8/29/2013
- 8/30/2013
- 8/30/2013
- 8/30/2013
- 8/30/2013
- 8/30/2013
- 8/30/2013

Sludge Land Application Information

	<u>date</u>	<u>Field</u>	<u>Source</u>	<u>Tons</u>	<u>Path A</u>	<u>Path B</u>	<u>Vector</u>	<u>Limit 1</u>	<u>Limit 3</u>
1	6/4/2013	9	Palm Valley	0.06 N	Y	Y	Y	N	N
2	6/5/2013	9	Palm Valley	0.04 N	Y	Y	Y	N	N
3	6/6/2013	9	Weslaco WTP	18.49 N	Y	Y	Y	N	N
4	8/19/2013	11	Mercedes WTP	9.39 N	Y	Y	Y	N	N
5	8/20/2013	11	Mercedes WTP	9.39 N	Y	Y	Y	N	N
6	8/21/2013	11	Palm Valley	0.09 N	Y	Y	Y	N	N
7	8/21/2013	11	Mercedes WTP	1.17 N	Y	Y	Y	N	N
8	8/22/2013	11	Palm Valley	0.02 N	Y	Y	Y	N	N
9	8/26/2013	21	McAllen 3	3.92 N	Y	Y	Y	N	N
10	8/26/2013	21	McAllen 3	12.05 N	Y	Y	Y	N	N
11	8/26/2013	21	Mercedes	5.83 N	Y	Y	Y	N	N
12	8/26/2013	21	Pharr	4.89 N	Y	Y	Y	N	N
13	8/28/2013	21	Mission	4.96 N	Y	Y	Y	N	N
14	8/28/2013	21	Pharr	4.89 N	Y	Y	Y	N	N
15	8/28/2013	21	Weslaco North	2.78 N	Y	Y	Y	N	N
16	8/28/2013	21	San Benito	6.98 N	Y	Y	Y	N	N
17	8/29/2013	21	McAllen 2	11.39 N	Y	Y	Y	N	N
18	8/29/2013	21	Mission	4.96 N	Y	Y	Y	N	N
19	8/29/2013	21	Pharr	4.89 N	Y	Y	Y	N	N
20	8/29/2013	21	Weslaco North	2.78 N	Y	Y	Y	N	N
21	8/30/2013	21	McAllen 2	8.55 N	Y	Y	Y	N	N
22	8/30/2013	21	McAllen 3	4.82 N	Y	Y	Y	N	N
23	8/30/2013	21	Mission	4.96 N	Y	Y	Y	N	N
24	8/30/2013	21	Pharr	4.89 N	Y	Y	Y	N	N
25	8/30/2013	21	Pharr WTP	2.43 N	Y	Y	Y	N	N
26	8/30/2013		Hidalgo	1.8 N	Y	Y	Y	N	N
27				N	Y	Y	Y	N	N
28				N	Y	Y	Y	N	N

**SOURCES APPROVED FOR  
REAVIS FARMS  
WQ0004463000**

As of 8/31/13

Source Name	Source Permit #	Source Name	Source Permit #
BOWIE	TPDES0013772-001 TX0023621	SAN BENITO	TPDES0010473-002 TX0047601
DONNA	TPDES0010504-001 TX0024660	SAN JUAN	TPDES0011512-001 TX0057592
HARLINGEN #1	TPDES0010490-002 TX0047929	SAN JUAN - WATER PLANT	PWS1080010
HARLINGEN #2	TPDES0010490-003 TX0047929	WESLACO - NORTH	TPDES0010619-003 TX0052787
HARLINGEN - Water Plant	PWS0310002	WESLACO - SOUTH	TPDES0010619-005 TX0116394
HILDAGO, CITY OF	TPDES0011080-001 TX0058386	WESLACO - WATER PLANT	PWS NO. 1080011
ISLA BLANCA	TPDES0010757-001 TX0023639		
JOINS ROAD	WQ0013462-008		
Laguna Madre Water Plant (Port Isabel)	PWS NO. 0310005		
LAGUNA MADRE WD	TPDES0013772-001 TX0023621		
LAGUNA VISTA	TPDES0014069-001 TX00		
LA FERIA	WQ0010697-002		
LA VILLA, CITY OF	TPDES0013794-001 TX0087670		
LOS FRESNOS	TPDES0010590-002 TX0091243		
Los Fresnos Water Plant	PWS NO. 0310004		
MCALLEN - WATER PLANT	PWS NO. 1080006		
MCALLEN #2	TPDES10633-003 TX0047449		
MCALLEN #3	TPDES 10633-004 TX0093106		
MERCEDES	TPDES0010347-001 TX0021547		
MERCEDES - WATER PLANT	PWS1080007		
MILITARY HWY - WSC (Balli Road)	TPDES0013462-006 TX0116637		
MILITARY HWY - WSC (Progreso)	WQ0013462-001		
MISSION	TPDES0010484-001 TX0070017		
MISSION -WATER PLANT	PWS1080008		
PALM VALLEY	WQ0010972-002		
PHARR	TPDES0010596-001 TX0062219		
PHARR - WATER PLANT	PWS NO. 1080009		
PORT ISABEL	TPDES0010350-001 TX0023647		
RANCHO - VIEJO VALLEY MUD 2	WQ0011348-001		
RAYMONDVILLE	TPDES0010365-001 TX0024546		

# Certificate Of Insurance

## 30 TAC §37.9145 Commercial Liability

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l Prem.	Return Prem.
EPC 9040526 06	5/3/2013	5/3/2014	5/3/2013	36208000	---	---

**Named Insured and Mailing Address:**

TERRA RENEWAL LLC  
 1100 E. CAMPBELL ROAD, SUITE 22  
 RICHARDSON, TX 75081

**Producer:**

WELLS FARGO INSURANCE SERVICES USA  
 5151 BELT LINE ROAD, SUITE 200  
 DALLAS, TX 75254

### CERTIFICATE OF INSURANCE FOR COMMERCIAL LIABILITY

Name and Address of Insurer (herein called the "Insurer"):

Steadfast Insurance Company  
 Administrative Office  
 1400 American Lane Schaumburg, IL  
 60196-1056

Name and Physical and Mailing Addresses of Insured (herein called the "Insured"):

Terra Renewal Services, Inc.  
 TRS Envirogenics, Inc.  
 1100 E. Campbell Road, Suite 22  
 Richardson, TX 75081

Additional Insured: Texas Commission on Environmental Quality Physical Address:

12100 Park 35 Circle, MC 184, Austin, TX 78753 Mailing Address: MC 184, P. O.  
 Box 13087, Austin, TX 78711-3087

Facilities covered: (list for each facility: permit number, name, and physical and mailing addresses)

Landowner	Longitude	Latitude	County	Location	Mailing Address	Retroactive Date
Barbra Look permit WQ4462	96 Deg 5"	30 Deg 4"	Waller	4.8 mi. W. of intersection. of Hwy 290 and Hwy. 6	P O Box 3036 Russellville, AR 72811	April 11,2007
James Henderson permit WQ4460	94 Deg 30'	30 Deg 33'	Liberty	4 mi E of intersection of FM 1410 and FM 61, at the intersection of Deavers Road and FM 1410	P O Box 3036 Russellville, AR 72811	April 11,2007
Mary Weber permit	96 Deg 5'	30 Deg 6'	Waller	0.2 mi. W of intersection of FM 359 & Pierceall Rd.	P O Box 3036 Russellville, AR	April 11,2007

WQ4501					72811	
<b>Reavis Farms permit WQ4463</b>	98 Deg 30'	26 Deg 25'	Hidalgo	1.25 mi. W of intersection of FM 2221 and Seven Mile Road	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Santa Anita Ranch (Burning Tree) permit WQ4803</b>	96 Deg 35'	32 Deg 12'	Kaufman	5 mi. E on State Hwy 243 to CR 101. Site is adjacent to NW side of CR101, approx .75miles from intersection of 243/101	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Griffin Farm Permit 4513</b>	94 Deg 46'	32 Deg 26'	Gregg	Farm to Market Road 2087, approx. 1.6 miles S of the intersection of Farm to Market Road 1845 and Farm to Market Road 2087.	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Jose Martinez Permit WQ4817</b>	98 Deg 32'	26 Deg 38'	Starr	On the noth side of La Morita Road, approx. 1/8 mile west of the intersection of La Morita Road and FM 755	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Iron Farm Cattle Permit WQ0004830000</b>	94 Deg 48'	32 Deg 23'	Gregg	E. side of Farm-to-Market Road 2276, extending from approx. 300' N. of the intersection of FM 2267 and FM 349, approx. 1.5 mi. E. of the City of Kilgore, Gregg County, TX	P.O. Box 3036 Russellville, AR 72811	August 7, 2008
<b>Reavis Farm South Permit 04861</b>	98 Deg 30'	26 Deg 25'	Hidalgo	Approx. 1.25 mi. W. of the intersection of Farm-to-Market 2221 and Seven Mile Road in Hidalgo County, TX	P.O. Box 3036 Russellville, AR 72811	August 7, 2008
<b>Reavis McCook North Permit WQ004923000</b>	98 Deg 28'	26 Deg 31'	Starr	Adjacent to unnamed road north of FM 490, located approx. 6 mi. east of McCook, TX and 2 mi. north of FM 490, in Starr County, TX.	P.O. Box 3036 Russellville, AR 72811	May 03, 2010
<b>Reavis McCook South Permit WQ004924000</b>	98 Deg 25'	26 Deg 28'	Hidalgo	Located at the NE. corner of the intersection of CR 3239 and Mile 16 Road, approx. 1.78 mi. south of the intersection of FM 490 and CR 3239, approx. 2.75 Mi. west of McCook TX.4. In Hidalgo County, TX	P.O. Box 3036 Russellville, AR 72811	May 03, 2010
<b>Ayers/Wyatt Permit WQ004943000</b>	94 Deg 44'	33 Deg 06'	Morris	Adjacent to west side of County Road 3201, approximately 1.9 miles west of intersection of County Road 3201 and County Road 3112, approximately 1.7 miles north of intersection of County Road 3112 and State Hwy 49, approximately 2.5 miles west of Daingerfield, Texas.	P O Box 3036 Russellville, AR 72811	July 30, 2010

<b>Freeman/ Conner Permit Application</b>	94 Deg 47'	33 Deg 07'	Morris	Adjacent to east side of County Road 1233, approximately 2.9 miles from the intersection of County Road 1233 and State Hwy 49, approximately 6.1 miles north of Daingerfield, Texas.	P O Box 3036 Russellville, AR 72811	August 30, 2010
<b>Hooser Farm Permit Application</b>	96 Deg 50'	32 Deg 06'	Ellis & Navarro	Center of property located at intersection of Hamrock Road and Joes Road, approximately 1.1 mile south of intersection of Hamrock Road and Hooser Road, approximately 1.5 mile west of intersection of Hooser Road and Farm-to-Market Road 667, approximately 4.5 miles south of Italy, Texas in Ellis and Navarro Counties.	P O Box 3036 Russellville, AR 72811	November 2, 2010
<b>Center Ranch Permit WQ0004961000</b>	31 Deg 17'7	95 Deg 52'56	Leon	3582 FM road 811	P.O. Box 399, Dardanelle, AR 72834	Date of 1 <sup>st</sup> Application
<b>Sloan Farm Permit Application</b>	96° 20' 09"W	32° 07' 49" N	Navarro	Located on Brookshire Road 1 mile north of the intersection of Highway 31 and Brookshire Road	P.O. Box 399, Dardanelle, AR 72834	Date of 1 <sup>st</sup> Application

Per Occurrence Limit: \$3,000,000  
Annual Aggregate Limit: \$6,000,000  
Policy Number: Effective EPC 9040526-06  
Date: May 3, 2013

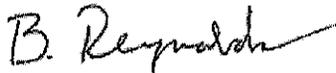
The Insurer hereby certifies that it has issued to the Insured a commercial liability policy of insurance identified above to provide coverage for bodily injury and property damage to compensate persons injured or property damaged as a result of Class B sewage sludge land application at the facilities identified above.

The Insurer further warrants that such policy conforms in all respects with the requirements of 30 Texas Administrative Code (TAC) §37.9100 (relating to Commercial Liability Insurance), as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

Whenever requested by the executive director of the Texas Commission on Environmental Quality, the Insurer agrees to furnish to the executive director a duplicate original of the policy listed above, including all endorsements thereon.

I hereby certify that the wording of this certificate is identical to the wording specified in 30 TAC §37.9145 (relating to Certificate of Insurance for Commercial Liability) as such regulations were constituted on the date shown immediately below. The undersigned Insurer certifies that it is authorized to transact or be a surplus lines insurer eligible to engage in the business of insurance in Texas and it has a minimum financial strength rating of A- as assigned by the A.M. Best Company.



**Brandon Reynolds**  
**Environmental Underwriter**  
Authorized Representative of  
Steadfast Insurance Company  
Administrative Office  
1400 American Lane  
Schaumburg, IL 60196-1056

**Certificate Of Insurance**  
**30 TAC §37.9155 Environmental Impairment**



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l Prem.	Return Prem.
EPC 9040526 06	5/3/2013	5/3/2014	5/3/2013	36208000	---	---

**Named Insured and Mailing Address:**

TERRA RENEWAL LLC  
 1100 E. CAMPBELL ROAD, SUITE 22  
 RICHARDSON, TX 75081

**Producer:**

WELLS FARGO INSURANCE SERVICES USA  
 5151 BELT LINE ROAD, SUITE 200  
 DALLAS, TX 75254

**CERTIFICATE OF INSURANCE FOR ENVIRONMENTAL IMPAIRMENT**

Name and Address of Insurer (herein called the "Insurer"):

Steadfast Insurance Company  
 Administrative Office  
 1400 American Lane  
 Schaumburg, IL 60196-1056

Name and Physical and Mailing Addresses of Insured (herein called the "Insured"):

Terra Renewal Services, Inc.  
 TRS Envirogenics, Inc.  
 1100 E. Campbell Road, Suite 22  
 Richardson, TX 75081

Additional Insured:

Texas Commission on Environmental Quality Physical Address: 12100 Park  
 35 Circle, MC 184, Austin, TX 78753 Mailing Address: MC 184, P. O. Box  
 13087, Austin, TX 78711-3087

Facilities covered: (list for each facility: permit number, name, and physical and mailing addresses)

Landowner	Longitude	Latitude	County	Location	Mailing Address	Retroactive Date
Barbra Look permit WQ4462	96 Deg 5"	30 Deg 4"	Waller	4.8 mi. W. of intersection of Hwy 290 and Hwy. 6	P O Box 3036 Russellville, AR 72811	April 11,2007
James Henderson permit WQ4460	94 Deg 30'	30 Deg 33'	Liberty	4 mi E of intersection of FM 1410 and FM 61, at the intersection of Deavers Road and FM 1410	P O Box 3036 Russellville, AR 72811	April 11,2007

<b>Mary Weber</b> permit WQ4501	96 Deg 5'	30 Deg 6'	Waller	0.2 mi. W of intersection of FM 359 & Pierceall Rd.	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Reavis Farms</b> permit WQ4463	98 Deg 30'	26 Deg 25'	Hidalgo	1.25 mi. W of intersection of FM 2221 and Seven Mile Road	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Santa Anita Ranch</b> <b>(Burning Tree)</b> permit WQ4803	96 Deg 35'	32 Deg 12'	Kaufman	5 mi. E on State Hwy 243 to CR 101. Site is adjacent to NW side of CR101, approx .75miles from intersection of 243/101	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Griffin Farm</b> Permit 4513	94 Deg 46'	32 Deg 26'	Gregg	Farm to Market Road 2087, approx. 1.6 miles S of the intersection of Farm to Market Road 1845 and Farm to Market Road 2087.	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Jose Martinez</b> Permit WQ4817	98 Deg 32'	26 Deg 38'	Starr	On the noth side of La Morita Road, approx. 1/8 mile west of the intersection of La Morita Road and FM 755	P O Box 3036 Russellville, AR 72811	April 11,2007
<b>Iron Farm Cattle</b> Permit WQ0004830000	94 Deg 48'	32 Deg 23'	Gregg	E. side of Farm-to-Market Road 2276, extending from approx. 300' N. of the intersection of FM 2267 and FM 349, approx. 1.5 mi. E. of the City of Kilgore, Gregg County, TX	P.O. Box 3036 Russellville, AR 72811	August 7, 2008
<b>Reavis Farm South</b> Permit 04861	98 Deg 30'	26 Deg 25'	Hidalgo	Approx. 1.25 mi. W. of the intersection of Farm-to-Market 2221 and Seven Mile Road in Hidalgo County, TX	P.O. Box 3036 Russellville, AR 72811	August 7, 2008
<b>Reavis McCook North</b> Permit WQ004923000	98 Deg 28'	26 Deg 31'	Starr	Adjacent to unnamed road north of FM 490, located approx. 6 mi. east of McCook, TX and 2 mi. north of FM 490, in Starr County, TX.	P.O. Box 3036 Russellville, AR 72811	May 03, 2010
<b>Reavis McCook South</b> Permit WQ004924000	98 Deg 25'	26 Deg 28'	Hidalgo	Located at the NE. corner of the intersection of CR 3239 and Mile 16 Road, approx. 1.78 mi. south of the intersection of FM 490 and CR 3239, approx. 2.75 Mi. west of McCook TX.4. In Hidalgo County, TX	P.O. Box 3036 Russellville, AR 72811	May 03, 2010
<b>Ayers/Wyatt</b> Permit WQ004943000	94 Deg 44'	33 Deg 06'	Morris	Adjacent to west side of County Road 3201, approximately 1.9 miles west of intersection of County Road 3201 and County Road 3112, approximately 1.7 miles north of intersection of County Road 3112 and State Hwy 49, approximately 2.5 miles west of Daingerfield,	P O Box 3036 Russellville, AR 72811	July 30, 2010

				Texas.		
<b>Freeman/ Conner Permit WQ0004947000</b>	94 Deg 47'	33 Deg 07'	Morris	Adjacent to east side of County Road 1233, approximately 2.9 miles from the intersection of County Road 1233 and State Hwy 49, approximately 6.1 miles north of Daingerfield, Texas.	P O Box 3036 Russellville, AR 72811	August 30, 2010
<b>Hooser Farm Permit WQ000495000</b>	96 Deg 50'	32 Deg 06'	Ellis & Navarro	Center of property located at intersection of Hamrock Road and Joes Road, approximately 1.1 mile south of intersection of Hamrock Road and Hooser Road, approximately 1.5 mile west of intersection of Hooser Road and Farm-to-Market Road 667, approximately 4.5 miles south of Italy, Texas in Ellis and Navarro Counties.	P O Box 3036 Russellville, AR 72811	November 2, 2010
<b>Center Ranch Permit WQ0004961000</b>	31 Deg 17'7	95 Deg 52'56	Leon	3582 FM road 811	P.O. Box 399, Dardanelle, AR 72834	Date of 1st Application
<b>Sloan Farm Permit Application</b>	96° 20' 09"W	32° 07' 49" N	Navarro	Located on Brookshire Road 1 mile north of the intersection of Highway 31 and Brookshire Road	P.O. Box 399, Dardanelle, AR 72834	Date of 1 <sup>st</sup> Application

Per Occurrence Limit: \$3,000,000  
Annual Aggregate Limit: \$6,000,000  
Policy Number: Effective EPC 9040526-06  
Date: May 3, 2013

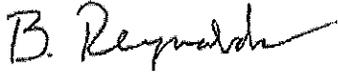
The Insurer hereby certifies that it has issued to the Insured an Environmental Impairment policy of insurance identified above to provide financial assurance for corrective action related to the facilities identified above.

The Insurer further warrants that such policy conforms in all respects with the requirements of 30 Texas Administrative Code (TAC) §37.9105 (relating to Environmental Impairment Insurance), as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

Whenever requested by the executive director of the Texas Commission on Environmental Quality, the Insurer agrees to furnish to the executive director a duplicate original of the policy listed above, including all endorsements thereon.

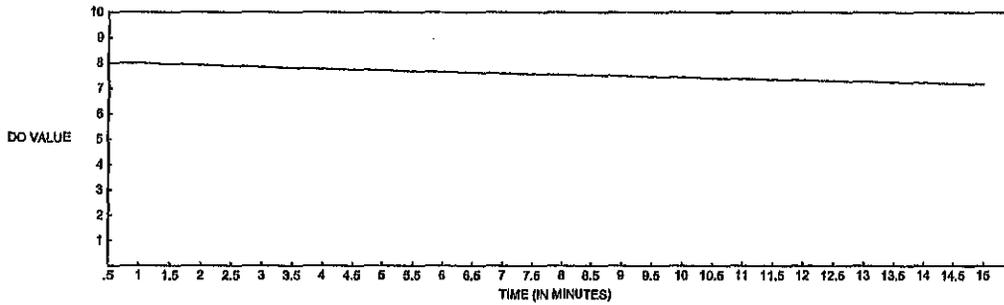
I hereby certify that the wording of this certificate is identical to the wording specified in 30 TAC §37.9155 (relating to Certificate of Insurance for Environmental Impairment) as such regulations were constituted on the date shown immediately below. The undersigned Insurer certifies that it is authorized to transact or be a surplus lines insurer eligible to engage in the business of insurance in Texas and it has a minimum financial strength rating of A- as assigned by the A.M.



**Brandon Reynolds**  
**Environmental Underwriter**  
Authorized Representative of  
Steadfast Insurance Company  
Administrative Office  
1400 American Lane  
Schaumburg, IL 60196-1056

Analysis performed on sludge sample received on 08/03/2012 12:40 collected by Bernard Malota from the Cake at 08/02/2012 08:00

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform	Sample ID: 10810561	3,900	CFU/g TS	SM 9222 D	DB 08/03/2012 13:46
Fecal Coliform	Sample ID: 10810562	3,900	CFU/g TS	SM 9222 D	DB 08/03/2012 13:46
Fecal Coliform	Sample ID: 10810563	3,900	CFU/g TS	SM 9222 D	DB 08/03/2012 13:46
Fecal Coliform	Sample ID: 10810564	16,000	CFU/g TS	SM 9222 D	DB 08/03/2012 13:46
Fecal Coliform	Sample ID: 10810565	3,900	CFU/g TS	SM 9222 D	DB 08/03/2012 13:46
Fecal Coliform	Sample ID: 10810566	3,900	CFU/g TS	SM 9222 D	DB 08/03/2012 13:46
Fecal Coliform	Sample ID: 10810567	3,900	CFU/g TS	SM 9222 D	DB 08/03/2012 13:46
Fecal Coliform	Geometric Mean	4.8E+03	4,800	CFU/g TS	
Total Solids	Sample ID: 10810560	10.0	%	SM 2540 G	OD 08/03/2012 15:00
S.O.U.R. Test	Sample ID: 10810560	1.27	mg O2/hr/g TS	SM 2710 B	OD 08/03/2012 04:46



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B PASS**

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

Derek McCoy  
 Technical Director

WASTEWATER TREATMENT PLANT MATERIAL

WATER TREATMENT PLANT MATERIAL

Terra Renewal Services, Inc. P.O. Box 73006 Houston, TX 77273-3006 (713) 316-5050 (713) 316-5080 fax			ANALYSIS REQUEST AND CHAIN OF CUSTODY REPORT					
Facility: Hidalgo WWTP			Location: Hidalgo, Texas			Relinquished by: <i>B. Marston</i>		

805

Sample ID	Date	Time	Container	Preser- vation	Sample Type		ANALYSIS REQUESTED																					
					Sludge	Other	Coliform	SOUR	BLF	As	Cr	Pb	Mo	Se	TKN	NO3	K	% Solids	TCLP	pH	Cd	Cu	Hg	Ni	Pb	NH3	Pb	PCB
H 1	8-2-12	3:00AM	Bag	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input checked="" type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
H 2				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
H 3				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
H 4				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
H 5				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
H 6				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
H 7				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
H 8				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
H 9,10				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input checked="" type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input checked="" type="checkbox"/> PCB
H 11	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Coliform	<input checked="" type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB

**LABORATORY DIRECTIONS**

Laboratory: *UNWPLS*

Received by: *[Signature]*

Date: *8/3/12* Time: *1240*

Test results required by: \_\_\_\_\_

Please RUSH testing

Fax to (713) 316-5080

Send to P.O. Box 73006 Houston, TX 77273-3006

Results to be picked up

Return unused sample

**ADDITIONAL INFORMATION**

SOUR on composite of samples

BLF on composite of samples

TCLP on composite of samples

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

All sludge and biosolids testing and reporting must conform to 40 CFR 503 requirements.

Nutrient results must be reported as % of dry weight

Metal results must be reported as mg/kg of dry weight

All tests reporting which requires solids concentrations for calculation must include solids concentration data.

NOTES: *% solids / sour / % solids - 1081-0560 class B: 1081-0561-68*

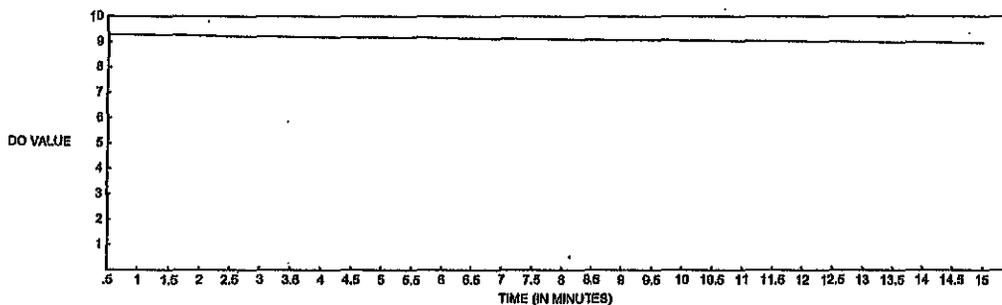
*Fedex TCLP: 1080-0557 TCLP VOA: 1081-0558*

*PCBC: 1081-0559*

*Sludge Analysis: 1081-0556*

Analysis performed on sludge sample received on 05/03/2013 11:29 collected by Bernard Malota from the Cake at 05/02/2013 16:15

PARAMETER	UNIT	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Collform	Sample ID: 10923181	1,700	CFU/g TS	SM 9222 D	DB	05/03/2013 15:35
Fecal Collform	Sample ID: 10923182	16,000	CFU/g TS	SM 9222 D	DB	05/03/2013 15:35
Fecal Collform	Sample ID: 10923183	21,000	CFU/g TS	SM 9222 D	DB	05/03/2013 15:35
Fecal Collform	Sample ID: 10923184	8,700	CFU/g TS	SM 9222 D	DB	05/03/2013 15:35
Fecal Collform	Sample ID: 10923185	17,000	CFU/g TS	SM 9222 D	DB	05/03/2013 15:35
Fecal Collform	Sample ID: 10923186	5,200	CFU/g TS	SM 9222 D	DB	05/03/2013 15:35
Fecal Collform	Sample ID: 10923187	10,000	CFU/g TS	SM 9222 D	DB	05/03/2013 15:35
Fecal Collform	Geometric Mean	8.9E+03	8,900	CFU/g TS		
Total Solids	Sample ID: 10923180	17.8	%	SM 2540 G	RR	05/03/2013 11:12
S.O.U.R. Test	Sample ID: 10923180	0.26	mg O2/hr/g TS	SM 2710 B	OD	05/03/2013 04:13



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B PASS**

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal collform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

*[Handwritten Signature]*  
 \_\_\_\_\_  
 Derek McCoy  
 Technical Director

800

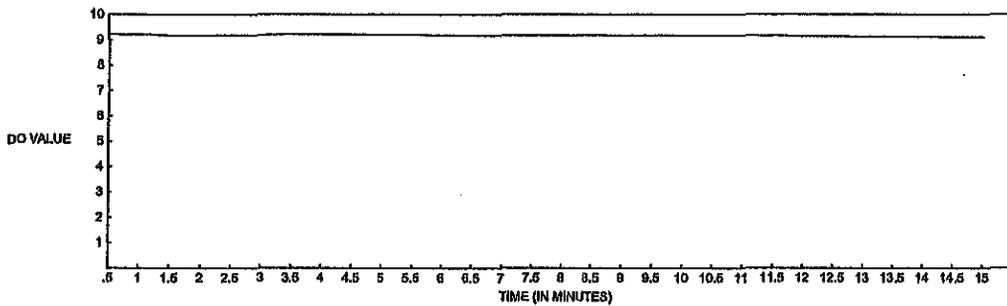
WASTEWATER TREATMENT PLANT MATERIAL

WATER TREATMENT PLANT MATERIAL

<b>Terra Renewal Services, Inc.</b> P.O. Box 73006 Houston, TX 77273-3006 (713) 316-5050 (713) 316-5080 fax				<b>ANALYSIS REQUEST AND CHAIN OF CUSTODY REPORT</b>																			
				Facility: <b>McAllen II WWTP</b>						<i>B. Malota</i> Relinquished by:													
				Location: <b>McAllen, TX</b>																			
Sample ID	Date	Time	Container	Preservation	Sample Type		ANALYSIS REQUESTED																
					Sludge	Other	Colliform	SOUR	BLF	As	Cr	Pb	Mo	Se	TKN	NO3	K	% Solids	TCLP	pH	Cd	Cu	Hg
Mc 1	5-2-13	4:15P.M	Bag	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input checked="" type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
Mc 2				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
Mc 3				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
Mc 4				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
Mc 5				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
Mc 6				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
Mc 7				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
Mc 8				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
Mc 9				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input checked="" type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
				<b>LABORATORY DIRECTIONS</b>				<b>ADDITIONAL INFORMATION</b>															
Laboratory: <b>NWDLS</b>				<input type="checkbox"/> SOUR on composite of samples <input type="checkbox"/> BLF on composite of samples <input type="checkbox"/> TCLP on composite of samples				All sludge and biosolids testing and reporting must conform to 40 CFR 503 requirements.															
Received by: <i>Callu</i> <i>Kiorg</i>				<input type="checkbox"/> _____ <input type="checkbox"/> _____				Nutrient results must be reported as % of dry weight Metal results must be reported as mg/kg of dry weight															
Date: <b>5-3-13</b> Time: <b>11:29</b>				<input type="checkbox"/> _____ <input type="checkbox"/> _____				All tests reporting which requires solids concentrations for calculation must include solids concentration data.															
<input type="checkbox"/> Test results required by: _____ <input type="checkbox"/> Please RUSH testing <input type="checkbox"/> Fax to (713) 316-5080 <input type="checkbox"/> Send to P.O. Box 73006 Houston, TX 77273-3006 <input type="checkbox"/> Results to be picked up <input type="checkbox"/> Return unused sample				NOTES: <div style="font-size: 2em; text-align: center;">                     BLF 1092-3178-79                      Fedex EMS-3-13                      Class B 1092-333180-85                 </div>																			

Analysis performed on sludge sample received on 03/01/2013 12:01 collected by Bernard Malota from the Cake at 02/28/2013 16:30

PARAMETER	TEST METHOD	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform	Sample ID: 10896168	1,900	CFU/g TS	SM 9222 D	DB	03/01/2013 15:47
Fecal Coliform	Sample ID: 10896169	1,900	CFU/g TS	SM 9222 D	DB	03/01/2013 15:47
Fecal Coliform	Sample ID: 10896170	1,900	CFU/g TS	SM 9222 D	DB	03/01/2013 15:47
Fecal Coliform	Sample ID: 10896171	1,900	CFU/g TS	SM 9222 D	DB	03/01/2013 15:47
Fecal Coliform	Sample ID: 10896172	1,900	CFU/g TS	SM 9222 D	DB	03/01/2013 15:47
Fecal Coliform	Sample ID: 10896173	1,900	CFU/g TS	SM 9222 D	DB	03/01/2013 15:47
Fecal Coliform	Sample ID: 10896174	1,900	CFU/g TS	SM 9222 D	DB	03/01/2013 15:47
Fecal Coliform	Geometric Mean	1.9E+03	1,900	CFU/g TS		
Total Solids	Sample ID: 10896167	23.0	%	SM 2540 G	OD	03/04/2013 16:49
S.O.U.R. Test	Sample ID: 10896167	0.08	mg O2/hr/g TS	SM 2710 B	OD	02/27/2013 04:31



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B PASS**

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

Derek McCoy  
 Technical Director

**RECEIVED**  
 3/22/13

WASTEWATER TREATMENT PLANT MATERIAL

WATER TREATMENT PLANT MATERIAL

Terra Renewal Services, Inc. P.O. Box 73006 Houston, TX 77273-3006 (713) 316-5050 (713) 316-5080 fax				ANALYSIS REQUEST AND CHAIN OF CUSTODY REPORT																			
				Facility: 801 McAllen III WWTP				Relinquished by: <i>B. Malofa</i>															
				Location: McAllen, TX																			
Sample ID	Date	Time	Container	Preser- vation	Sample Type		ANALYSIS REQUESTED																
					Sludge	Other	Colliform	SOUR	BLF	As	Cr	Pb	Mo	Se	TKN	NO3	K	% Solids	TCLP	pH	Cd	Cu	Hg
MC 1	2.28.13	4:30 PM	Bag	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input checked="" type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
MC 2				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
MC 3				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
MC 4				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
MC 5				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
MC 6				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
MC 7				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
MC 8				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
MC 9				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input checked="" type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Colliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						

LABORATORY DIRECTIONS	ADDITIONAL INFORMATION
Laboratory: <i>NWDL</i>	<input type="checkbox"/> SOUR on composite of samples
Received by: <i>Calla Kios</i>	<input type="checkbox"/> BLF on composite of samples
Date: <i>3/1/13</i> Time: <i>12:01</i>	<input type="checkbox"/> TCLP on composite of samples
<input type="checkbox"/> Test results required by: _____	<input type="checkbox"/> _____
<input type="checkbox"/> Please RUSH testing	<input type="checkbox"/> _____
<input type="checkbox"/> Fax to (713) 316-5080	<input type="checkbox"/> _____
<input type="checkbox"/> Send to P.O. Box 73006 Houston, TX 77273-3006	<input type="checkbox"/> _____
<input type="checkbox"/> Results to be picked up	<input type="checkbox"/> _____
<input type="checkbox"/> Return unused sample	<input type="checkbox"/> _____
<input type="checkbox"/> _____	<input type="checkbox"/> _____
<input type="checkbox"/> _____	<input type="checkbox"/> _____

**NOTES:**

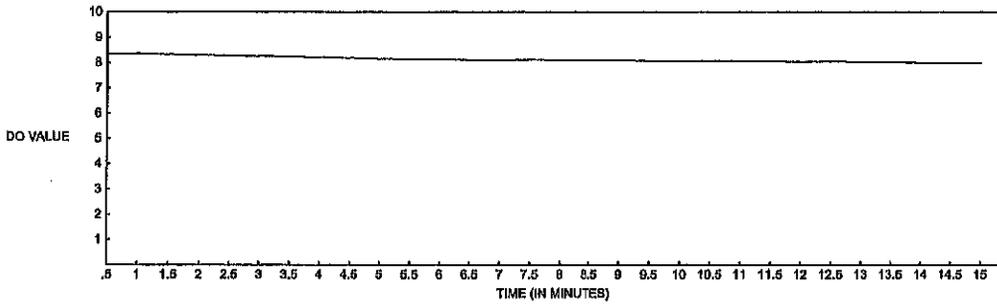
*Class B 1089-6167-75*

*Fedex BLF 1089-6176*

CLASS B

Analysis performed on sludge sample received on 08/02/2013 10:46 collected by B Malota from the cake at 08/01/2013 17:15

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 10964785	260,000	CFU/g TS	SM 9222 D	DB	08/02/2013 13:43
Fecal Coliform Sample ID: 10964787	220,000	CFU/g TS	SM 9222 D	DB	08/02/2013 13:43
Fecal Coliform Sample ID: 10964788	310,000	CFU/g TS	SM 9222 D	DB	08/02/2013 13:43
Fecal Coliform Sample ID: 10964789	300,000	CFU/g TS	SM 9222 D	DB	08/02/2013 13:43
Fecal Coliform Sample ID: 10964790	330,000	CFU/g TS	SM 9222 D	DB	08/02/2013 13:43
Fecal Coliform Sample ID: 10964791	360,000	CFU/g TS	SM 9222 D	DB	08/02/2013 13:43
Fecal Coliform Sample ID: 10964792	290,000	CFU/g TS	SM 9222 D	DB	08/02/2013 13:43
Fecal Coliform Geometric Mean	2.9E+05	290,000	CFU/g TS		
Total Solids Sample ID: 10964784	24.0	%	SM 2540 G	C	08/02/2013 15:53
S.O.U.R. Test Sample ID: 10964784	0.21	mg O2/hr/g TS	SM 2710 B	OD	08/01/2013 01:02



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B - PASS**

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

*[Handwritten Signature]*  
 \_\_\_\_\_  
 Derek McCoy  
 Technical Director

**RECEIVED**  
 8/12/13

WASTEWATER TREATMENT PLANT MATERIAL

1001

WATER TREATMENT PLANT MATERIAL

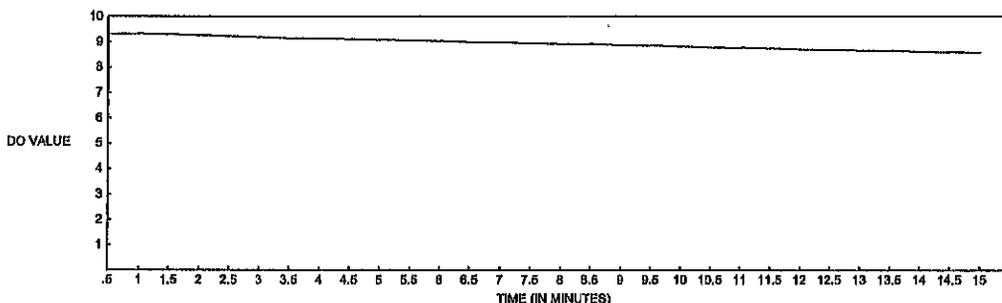
Terra Renewal Services, Inc. P.O. Box 73006 Houston, TX 77273-3006 (713) 316-5050 (713) 316-5080 fax	<b>ANALYSIS REQUEST AND CHAIN OF CUSTODY REPORT</b>	
Facility: Mercedes WWTP	Relinquished by: <i>B. Malota</i>	
Location: Mercedes, TX		

Sample ID	Date	Time	Container	Preservation	Sample Type		ANALYSIS REQUESTED																			
					Liquid	Sludge	Other	Coliform	SOUR	BLF	As	Cr	Pb	Mo	Se	TKN	NO3	K	Acid	Cake	% Solids	TCLP	pH	Cd	Cu	Hg
Me 1	8-1-13	5:15 P.M.	Bag	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Coliform <input checked="" type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input checked="" type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									
Me 2				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									
Me 3				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									
Me 4				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									
Me 5				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									
Me 6				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									
Me 7				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									
Me 8				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									
Me 9	↓	↓	↓	<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input checked="" type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB									

<b>LABORATORY DIRECTIONS</b> Laboratory: <i>NWDLS</i> Received by: <i>Gustavo Sabillon</i> Date: <i>8/2/13</i> Time: <i>1046</i>	<b>ADDITIONAL INFORMATION</b> <input type="checkbox"/> SOUR on composite of samples <input type="checkbox"/> BLF on composite of samples <input type="checkbox"/> TCLP on composite of samples All sludge and biosolids testing and reporting must conform to 40 CFR 503 requirements. Nutrient results must be reported as % of dry weight Metal results must be reported as mg/kg of dry weight All tests reporting which requires solids concentrations for calculation must include solids concentration data.
<input type="checkbox"/> Test results required by; <input type="checkbox"/> Please RUSH testing <input type="checkbox"/> Fax to (713) 316-5080 <input type="checkbox"/> Send to P.O. Box 73006 Houston, TX 77273-3006 <input type="checkbox"/> Results to be picked up <input type="checkbox"/> Return unused sample	<b>NOTES:</b> <div style="font-size: 1.2em; text-align: center;"> <i>BLF - 1096-4782    NO3-S - 1096-4783</i>  <i>Fedex Class B - 1096-4784 - 92</i> </div>

Analysis performed on sludge sample received on 01/08/2013 09:52 collected by B Malota from the Cake at 01/07/2013 17:30

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 10872758	49,000	CFU/g TS	SM 9222 D	DB	01/08/2013 12:42
Fecal Coliform Sample ID: 10872759	45,000	CFU/g TS	SM 9222 D	DB	01/08/2013 12:42
Fecal Coliform Sample ID: 10872760	51,000	CFU/g TS	SM 9222 D	DB	01/08/2013 12:42
Fecal Coliform Sample ID: 10872761	45,000	CFU/g TS	SM 9222 D	DB	01/08/2013 12:42
Fecal Coliform Sample ID: 10872762	40,000	CFU/g TS	SM 9222 D	DB	01/08/2013 12:42
Fecal Coliform Sample ID: 10872763	47,000	CFU/g TS	SM 9222 D	DB	01/08/2013 12:42
Fecal Coliform Sample ID: 10872764	49,000	CFU/g TS	SM 9222 D	DB	01/08/2013 12:42
Fecal Coliform Geometric Mean	4.6E+04	46,000	CFU/g TS		
Total Solids Sample ID: 10872757	17.0	%	SM 2540 G	OD	01/09/2013 14:05
S.O.U.R. Test Sample ID: 10872757	0.76	mg O2/hr/g TS	SM 2710 B	OD	01/07/2013 12:41



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B PASS**

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

*Derek McCoy*  
 Derek McCoy  
 Technical Director



WASTEWATER TREATMENT PLANT MATERIAL

(808)

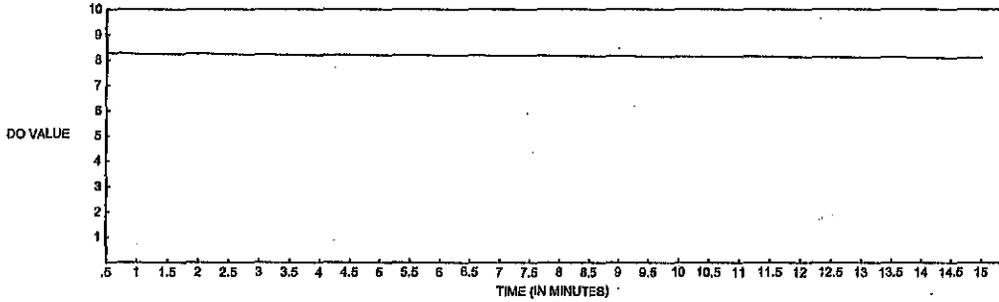
WATER TREATMENT PLANT MATERIAL

Terra Renewal Services, Inc. P.O. Box 73006 Houston, TX 77273-3006 (713) 316-5050 (713) 316-5080 fax				ANALYSIS REQUEST AND CHAIN OF CUSTODY REPORT																								
				Facility: Mission WWTP				B Malofa																				
				Location: Mission, TX				Relinquished by:																				
Sample ID	Date	Time	Container	Preservation	Sample Type		ANALYSIS REQUESTED																					
					Sludge	Other	Coliform	SOUR	BLF	As	Cr	Pb	Mo	Se	TKN	NO3	K	% Solids	TCLP	pH	Cd	Cu	Hg	Ni	Pb	NH3	Pb	PCB
Mi 1	1-7-13	5:30 PM	Bag	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input checked="" type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Mi 2				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Mi 3				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Mi 4				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Mi 5				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Mi 6				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Mi 7				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Mi 8				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Mi 9	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input type="checkbox"/> Sludge	<input type="checkbox"/> Soil	<input type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB

LABORATORY DIRECTIONS		ADDITIONAL INFORMATION	
Laboratory: NWDLs	<input type="checkbox"/> SOUR on composite of samples	All sludge and biosolids testing and reporting must conform to 40 CFR 603 requirements.	
Received by: Gustavo Sabilla	<input type="checkbox"/> BLF on composite of samples	<input type="checkbox"/> Nutrient results must be reported as % of dry weight	
Date: 1/8/13	<input type="checkbox"/> TCLP on composite of samples	<input type="checkbox"/> Metal results must be reported as mg/kg of dry weight	
Time: 0952		All tests reporting which requires solids concentrations for calculation must include solids concentration data.	
<input type="checkbox"/> Test results required by: _____ <input type="checkbox"/> Please RUSH testing <input type="checkbox"/> Fax to (713) 316-5080 <input type="checkbox"/> Send to P.O. Box 73006 Houston, TX 77273-3006 <input type="checkbox"/> Results to be picked up <input type="checkbox"/> Return unused sample <input type="checkbox"/> _____ <input type="checkbox"/> _____		NOTES: BLF- 1087-2756 Fedex Class B- 1087-2757 - 2765	

Analysis performed on sludge sample received on 08/03/2012 12:42 collected by Bernard M from the Cake at 08/02/2012 11:30

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 10810575	5,100	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform Sample ID: 10810576	13,000	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform Sample ID: 10810577	6,400	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform Sample ID: 10810578	7,700	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform Sample ID: 10810579	14,000	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform Sample ID: 10810580	9,000	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform Sample ID: 10810581	5,100	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform Geometric Mean	8.0E+03	8,000	CFU/g TS		
Total Solids Sample ID: 10810574	0.7	%	SM 2540 G	OD	08/03/2012 15:00
S.O.U.R. Test Sample ID: 10810574	0.09	mg O2/hr/g TS	SM 2710 B	OD	08/03/2012 03:39



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B PASS**

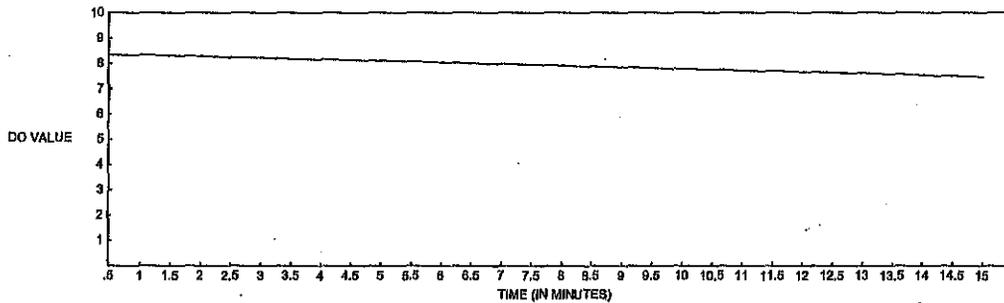
Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

*Derek McCoy*  
 \_\_\_\_\_  
 Derek McCoy  
 Technical Director



Analysis performed on sludge sample received on 08/02/2013 10:52 collected by B Malota from the Cake at 08/01/2013 15:25

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME	
Fecal Coliform	Sample ID: 10964807	360,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:15
Fecal Coliform	Sample ID: 10964809	420,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:15
Fecal Coliform	Sample ID: 10964810	390,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:15
Fecal Coliform	Sample ID: 10964811	400,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:15
Fecal Coliform	Sample ID: 10964812	350,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:15
Fecal Coliform	Sample ID: 10964813	440,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:15
Fecal Coliform	Sample ID: 10964814	420,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:15
Fecal Coliform	Geometric Mean	4.0E+05	400,000	CFU/g TS		
Total Solids	Sample ID: 10964806	21.9	%	SM 2540 G	C	08/02/2013 15:53
S.O.U.R. Test	Sample ID: 10964806	0.50	mg O2/hr/g TS	SM 2710 B	OD	08/01/2013 02:57



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B - PASS**

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

Derek McCoy  
 Technical Director

**RECEIVED**  
 8/12/13

WASTEWATER TREATMENT PLANT MATERIAL

809

WATER TREATMENT PLANT MATERIAL

ANALYSIS REQUEST AND CHAIN OF CUSTODY REPORT

Terra Renewal Services, Inc.  
 P.O. Box 73006  
 Houston, TX 77273-3006  
 (713) 316-5050  
 (713) 316-5080 fax

Facility: Pharr WWTP

*B. Marate*

Location: Pharr, TX

Relinquished by:

Sample ID	Date	Time	Container	Preservation	Sample Type		ANALYSIS REQUESTED																					
					Sludge	Other	Colliform	SOUR	BLF	As	Cr	Pb	Mo	Se	TKN	NO3	K	% Solids	TCLP	pH	Cd	Cu	Hg	Ni	Pb	NH3	Pb	PCB
Ph 1	8-1-13	3:25 PM	Bag	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input checked="" type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Ph 2	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Ph 3	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Ph 4	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Ph 5	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Ph 6	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Ph 7	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Ph 8	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
Ph 9	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Colliform	<input checked="" type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB
				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Colliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Pb	<input type="checkbox"/> NH3	<input type="checkbox"/> Pb	<input type="checkbox"/> PCB

LABORATORY DIRECTIONS

Laboratory: *NWDL*  
 Received by: *Gustavo Sabilla*  
 Date: *8/2/13* Time: *1052*  
 Test results required by: \_\_\_\_\_  
 Please RUSH testing  
 Fax to (713) 316-5080  
 Send to P.O. Box 73006 Houston, TX 77273-3006  
 Results to be picked up  
 Return unused sample

ADDITIONAL INFORMATION

SOUR on composite of samples  
 BLF on composite of samples  
 TCLP on composite of samples  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

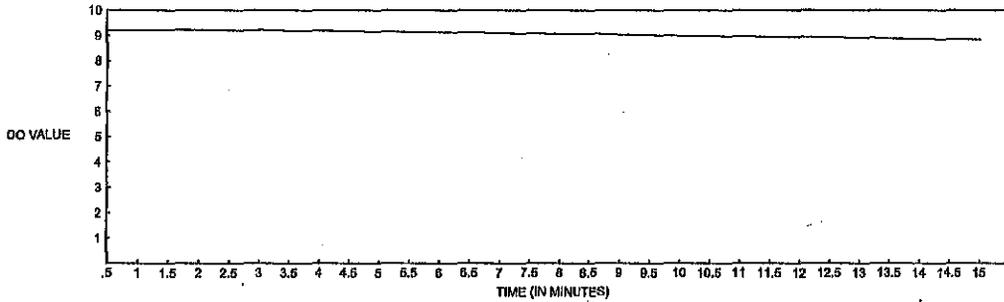
All sludge and biosolids testing and reporting must conform to 40 CFR 503 requirements.  
 Nutrient results must be reported as % of dry weight  
 Metal results must be reported as mg/kg of dry weight  
 All tests reporting which requires solids concentrations for calculation must include solids concentration data.

NOTES:

*Fedex* *RLF-1096-4804* *NO3-S-1096-4805*  
*Class B-1096-4806-14*

Analysis performed on sludge sample received on 04/05/2013 10:16 collected by Bernard Malota from the Cake at 04/04/2013 06:00

PARAMETER	UNIT	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform	Sample ID: 10910165	300,000	CFU/g TS	SM 9222 D	DB	04/05/2013 11:18
Fecal Coliform	Sample ID: 10910166	620,000	CFU/g TS	SM 9222 D	DB	04/05/2013 11:18
Fecal Coliform	Sample ID: 10910167	360,000	CFU/g TS	SM 9222 D	DB	04/05/2013 11:18
Fecal Coliform	Sample ID: 10910168	430,000	CFU/g TS	SM 9222 D	DB	04/05/2013 11:18
Fecal Coliform	Sample ID: 10910169	520,000	CFU/g TS	SM 9222 D	DB	04/05/2013 11:18
Fecal Coliform	Sample ID: 10910170	260,000	CFU/g TS	SM 9222 D	DB	04/05/2013 11:18
Fecal Coliform	Sample ID: 10910171	300,000	CFU/g TS	SM 9222 D	DB	04/05/2013 11:18
Fecal Coliform	Geometric Mean	3.8E+05	380,000	CFU/g TS		
Total Solids	Sample ID: 10910164	0.6	%	SM 2540 G	OD	04/05/2013 15:33
S.O.U.R. Test	Sample ID: 10910164	0.30	mg O2/hr/g TS	SM 2710 B	OD	04/05/2013 02:35



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B PASS**

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

*[Signature]*  
 Derak McCoy  
 Technical Director

*Waste Water Treatment*

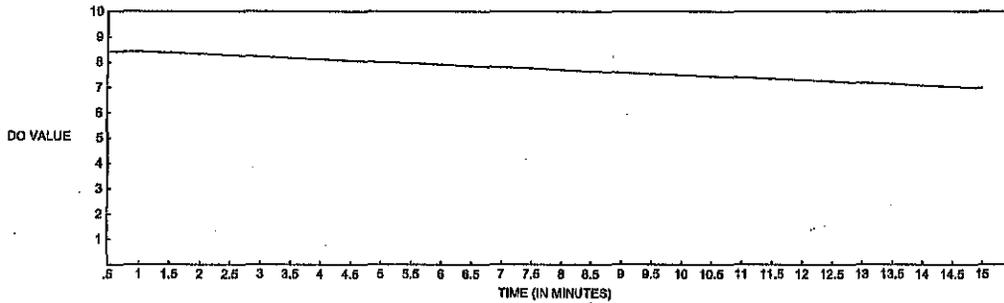
Envirogenics 11500 Northwest Frwy. Suite 600 Houston, Texas 77092 (713) 316-5050			ANALYSIS REQUEST AND CHAIN OF CUSTODY REPORT																										
Facility: <i>San Benito WWT</i>			Sampled by: <i>B. Malota</i>																										
Location: <i>San Benito TX (869)</i>			Relinquished by:																										
Sample ID	Date	Time	Container	Preser- vation	Sample Type		ANALYSIS REQUESTED																						
					Sludge	Other	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
<i>SB 1</i>	<i>4-4-13</i>	<i>6:00PM</i>	<i>Bag</i>	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
<i>SB 2</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
<i>SB 3</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
<i>SB 4</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
<i>SB 5</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
<i>SB 6</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
<i>SB 7</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
<i>SB 8</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform	<input checked="" type="checkbox"/> SOUR	<input type="checkbox"/> BLF	<input type="checkbox"/> As	<input type="checkbox"/> Cr	<input type="checkbox"/> Pb	<input type="checkbox"/> Mo	<input type="checkbox"/> Se	<input type="checkbox"/> TKN	<input type="checkbox"/> NO3	<input type="checkbox"/> K	<input type="checkbox"/> % Solids	<input type="checkbox"/> TCLP	<input type="checkbox"/> pH	<input type="checkbox"/> Cd	<input type="checkbox"/> Cu	<input type="checkbox"/> Hg	<input type="checkbox"/> Ni	<input type="checkbox"/> Zn	<input type="checkbox"/> NH3	<input type="checkbox"/> P	<input type="checkbox"/> PCB	
				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input type="checkbox"/> Cake	<input type="checkbox"/> Soil																							
				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input type="checkbox"/> Cake	<input type="checkbox"/> Soil																							

LABORATORY DIRECTIONS	ADDITIONAL INFORMATION
Laboratory: <i>NWDL</i> Received By: <i>Alia Kiser</i> Date: <i>04-05-13</i> Time: <i>10:16</i>	<input type="checkbox"/> SOUR on composite of samples <input type="checkbox"/> BLF on composite of sample <input type="checkbox"/> TCLP on composite of samples <input type="checkbox"/> _____ <input type="checkbox"/> _____
<input type="checkbox"/> Test results required by: _____ <input type="checkbox"/> Please rush testing <input type="checkbox"/> Fax to (713) 316-5080 <input type="checkbox"/> Send to: 11500 Northwest Frwy. Suite 600 Houston, Texas 77092 <input type="checkbox"/> Results to be picked up <input type="checkbox"/> Return unused sample <input type="checkbox"/> _____	All sludge and biosolids testing and reporting must conform to 40 CFR 503 requirements. Nutrient results must be reported as % of dry weight Metal results must be reported as mg/kg of dry weight All test reporting which requires solids concentration for calculation must include solids concentration data.
NOTES: <i>Fedex</i>	Completed by: <i>KCS</i> Date: <i>4/11/13</i> Report #: <i>207893</i>

Analysis performed on sludge sample received on 08/02/2013 11:04 collected by Bernard Malota from the Cake at 08/01/2013 16:40

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME	
Fecal Collform	Sample ID: 10964840	53,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:32
Fecal Collform	Sample ID: 10964842	61,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:32
Fecal Collform	Sample ID: 10964843	56,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:32
Fecal Collform	Sample ID: 10964844	68,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:32
Fecal Collform	Sample ID: 10964845	70,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:32
Fecal Collform	Sample ID: 10964846	54,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:32
Fecal Collform	Sample ID: 10964847	64,000	CFU/g TS	SM 9222 D	DB	08/02/2013 12:32
Fecal Collform	Geometric Mean	6.1E+04	61,000	CFU/g TS		
Total Solids	Sample ID: 10964839	17.0	%	SM 2540 G	C	08/02/2013 15:53
S.O.U.R. Test	Sample ID: 10964839	1.01	mg O2/hr/g TS	SM 2710 B	OD	08/01/2013 01:52



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

**CLASS B - PASS**

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal collform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

*Derek McCoy*  
 Derek McCoy  
 Technical Director

**RECEIVED**  
 8/12/13

WASTEWATER TREATMENT PLANT MATERIAL

870

WATER TREATMENT PLANT MATERIAL

Terra Renewal Services, Inc. P.O. Box 73006 Houston, TX 77273-3006 (713) 316-5050 (713) 316-5080 fax	<b>ANALYSIS REQUEST AND CHAIN OF CUSTODY REPORT</b>	
Facility: Weslaco North WWTP	<i>B Malata</i>	
Location: Weslaco, TX	Relinquished by:	

Sample ID	Date	Time	Container	Preservation	Sample Type		ANALYSIS REQUESTED																
					Sludge	Other	Coliform	SOUR	BLF	As	Cr	Pb	Mo	Se	TKN	NO3	K	% Solids	TCLP	pH	Cd	Cu	Hg
<i>We 1</i>	<i>8-1-13</i>	<i>4:40PM</i>	<i>Bag</i>	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input checked="" type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
<i>We 2</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
<i>We 3</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
<i>We 4</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
<i>We 5</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
<i>We 6</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
<i>We 7</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
<i>We 8</i>				<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
<i>We 9</i>	↓	↓	↓	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input checked="" type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						
				<input type="checkbox"/> Ice <input type="checkbox"/> Acid	<input type="checkbox"/> Liquid <input type="checkbox"/> Cake	<input type="checkbox"/> Soil	<input type="checkbox"/> Coliform <input type="checkbox"/> % Solids	<input type="checkbox"/> SOUR <input type="checkbox"/> TCLP	<input type="checkbox"/> BLF <input type="checkbox"/> pH	<input type="checkbox"/> As <input type="checkbox"/> Cd	<input type="checkbox"/> Cr <input type="checkbox"/> Cu	<input type="checkbox"/> Pb <input type="checkbox"/> Hg	<input type="checkbox"/> Mo <input type="checkbox"/> Ni	<input type="checkbox"/> Se <input type="checkbox"/> Pb	<input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> NO3 <input type="checkbox"/> Pb	<input type="checkbox"/> K <input type="checkbox"/> PCB						

LABORATORY DIRECTIONS	ADDITIONAL INFORMATION
Laboratory: <i>NWDL</i> Received by: <i>Gustavo Sabillon</i> Date: <i>8/2/10</i> Time: <i>1104</i>	<input type="checkbox"/> SOUR on composite of samples <input type="checkbox"/> BLF on composite of samples <input type="checkbox"/> TCLP on composite of samples <hr/> All sludge and biosolids testing and reporting must conform to 40 CFR 503 requirements. Nutrient results must be reported as % of dry weight Metal results must be reported as mg/kg of dry weight All tests reporting which requires solids concentrations for calculation must include solids concentration data.
<input type="checkbox"/> Test results required by: _____ <input type="checkbox"/> Please RUSH testing <input type="checkbox"/> Fax to (713) 316-5080 <input type="checkbox"/> Send to P.O. Box 73006 Houston, TX 77273-3006 <input type="checkbox"/> Results to be picked up <input type="checkbox"/> Return unused sample	NOTES: <div style="font-size: 1.5em; text-align: center;"> <i>BLF - 1096-4837 NO3-S - 1096-4838</i>  <i>Fedex Class B - 1096-4839 - 47</i> </div>

## SLUDGE APPLIER'S CERTIFICATION

I certify, under penalty of law, that the requirements to obtain information in 30 TAC Section 312.42(e) have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the requirements to obtain information have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

I certify, under penalty of law, that the site restrictions in Section 312.82(b)(3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the site restrictions have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

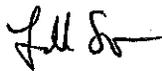
## VECTOR ATTRACTION REDUCTION CERTIFICATE

I certify, under penalty of law, that the vector attraction reduction requirement in Section 312.83(b) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

## CUMUATIVE LOADING CERTIFICATE

I certify, under penalty of law, that the management practices in 30 TAC Section 312.44 have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Signature:



Printed Name:

Todd Shearin

Title:

Director, Municipal Environmental Services