RCRA FACILITY INVESTIGATION REPORT

VOLUME II of III

Prepared For

Encycle/Texas, Inc., Corpus Christi, Texas

August 13, 2002

ARCADIS

APPENDICES

APPENDIX B

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-33

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/26/00
Completed 6/26/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.2	Tan SAND
.2	10	Tan, silty clay
10	13	Tan/orange CLAY
13	15	Brown SAND to SILTY SAND
15	16	Brown CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work

☐ New Well ☐ Deepening ☐ Reconditioning

B-34

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date

Started 6/26/00

Completed 6/26/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.3	Tan, SAND
0.3	8.2	Tan, SILTY CLAY TO CLAY
8.2	9.5	Tan, SILT
9.5	11	Orange CLAY
11	16	Brown SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED

If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data

Cementing from 0 ft. to 16.0 ft. # of sacks used 5

ft. to ft. # of sacks used

Method Used TREMIE

Cementing By ALFREDO PALACIOS

Distance to septic system field or other concentrated contamination ft.

Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A

☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A

☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other

Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level

Static level ft. below Date / /

Artesian Flow gpm. Date / /

15) Water Test N/A

Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: gpm with ft. drawdown after hrs.

16) Water Quality

Did you knowingly penetrate any strata which contain undesirable constituents?

☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?

Type of water Depth of Strata

Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 4/23/01 Signature / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-35

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/13/00
Completed 6/13/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Mix of shells & clay
1	3	Tan silty clay
3	3.5	Tan sand
3.5	8	Tan silty clay
8	11	Tan clay
11	12.5	Lt. brown silty clay
12.5	14.3	Brown silty sand
14.3	16.5	Brown clayey silt
16.5	18	Brown silt
18	20	Tan/brown sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 4/23/01 Date
Signature Apprentice — / / Date

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-36

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/13/00
Completed 6/13/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4	Mix of shells & clay/ tan/brown sandy silt
4	11.5	Brown silty sand to sand
11.5	16	Gray sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 1/23/01 Date

Signature Apprentice — / / Date

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
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3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-37

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/13/00
Completed 6/13/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	15.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Mix of shells & clay
2	5	Tan clay
5	7	Tan silty clay
7	9	Tan clay
9	12	Tan silt to sandy silt
12	14	Tan sand
14	15	Tan clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 15.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
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Was a chemical analysis made? ☐ Yes ☐ No

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3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-38

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

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Diameter of Hole

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2.5	SURFACE	17.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.1	Mix of shells & clay/ brown & black silty clay
4.1	9	Tan/orange silty clay
9	10	Tan sand
10	12	Gray silt
12	20	Mix of tan & gray sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 17.0 ft. # of sacks used 7
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
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12) Packers Type Depth
N/A

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☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

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Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
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Signature Licensed Driller/Pump Installer | 6/23/01 Date | Signature Apprentice | / / Date

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☐ New Well ☐ Deepening
☐ Reconditioning
B-39

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/13/00
Completed 6/13/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.5	Tan silty clay
1.5	3.6	Drk. brown silty clay
3.6	8	Tan silty clay
8	11.5	Tan sandy silt
11.5	17	Tan sand
17	17.3	Tan, clay
17.3	20	Tan, sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 7
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 11/23/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-40

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/13/00
Completed 6/13/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8	Caliche & clay, white caliche w/brown clay
8	11.7	Tan sandy silt
11.7	16.6	Tan sand
16.6	17	Tan clay
17	20	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 7
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a *REPORT OF UNDESIRABLE WATER*?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer	4/23/01 Date	Signature Apprentice	/ / Date

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Toll free (800) 803-9202
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WELL REPORT

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1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-41

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/19/00
Completed 6/19/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Black, silty clay
1	10	Brown silt
10	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: From (ft)	To (ft)	Cement/Bentonite placed in well: From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-42

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/19/00
Completed 6/19/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	10	Brown silty clay
10	11.8	Black sitly clay
11.8	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-43

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/19/00
Completed 6/19/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Brown, clay
1	2.2	Brown silty clay
2.2	4.4	Tan/brown sand
4.4	8.5	Tan silty clay
8.5	12	Tan silty sand
12	20	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 1/23/01
Licensed Driller/Pump Installer — Date

Signature / /
Apprentice — Date

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-44

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/15/00
Completed 6/15/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	12	Brown sandy silt
12	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 6/23/01 Date

Signature Apprentice — / / Date

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-45

Lat. **Long.** **Grid # 83 – 13 – 4**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/15/00
Completed 6/15/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	10	Tan sandy silt
10	13	Tan silty sand
13	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

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Cementing from 0 ft. to 16.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

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☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
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14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

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Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature [signature] Licensed Driller/Pump Installer — Date 5/23/01

Signature Apprentice — Date / /

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3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-46

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/22/00
Completed 6/22/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	18.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8.9	Brown/tan silty clay
8.9	11	Tan silty sand
11	18	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 18.0 ft. # of sacks used 8
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — Date 6/28/01

Signature Apprentice — Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-47

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/22/00
Completed 6/22/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8.9	Brown/tan silty clay
8.9	11	Tan silty sand
11	12	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — Date 6/29/1

Signature Apprentice — Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

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Texas Department of License and Regulation

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-48

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/23/00
Completed 6/23/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	9.9	Brown/tan SILTY CLAY
9.9	12	Tan SILTY SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-49

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/15/00
Completed 6/15/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Tan/brown clay
2	9.5	Brown silty clay
9.5	14	Orange clay
14	16	Tan silty, minor sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/23/01	Apprentice	/ /

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-50

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/15/00
Completed 6/15/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.3	Brown silty clay w/ shells
1.3	11.5	Tan silty clay
11.5	14	Tan silt to clayey silt w/ sand lenses
14	16	Orange silty clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 6/6/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-51

Lat. Long. Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/15/00
Completed 6/15/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Drk. brown clay w/ shells
1	1.4	Tan sand
1.4	10	Brown silty clay
10	12.5	Orange clay
12.5	15	Brown silt
15	16	Tan silty clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 4/5/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-52

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/15/00
Completed 6/15/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2.3	Brown mix of sand, silt, clay & shells
2.3	9	Brown silty clay
9	14.5	Orange clay
14.5	15.5	Brown silt, minor sand
15.5	16	Orange silty clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: From (ft)	To (ft)	Cement/Bentonite placed in well: From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — Date 6/23/01

Signature Apprentice — Date / /

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OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-14-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-53

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/22/00
Completed 6/22/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	18.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Tan clay to silty clay
1	5	Brown silty clay
5	10.7	Tan silty clay
10.7	11.5	Tan clayey silt
11.5	12	Tan sandy silt
12	16.4	Tan sand
16.4	18	Orange sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 18.0 ft. # of sacks used 8
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/23/01	Apprentice	/ /

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-54

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/22/00
Completed 6/22/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	15.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4	Tan silty clay
4	7	Gray to black silty clay
7	10.2	Brown silty clay
10.2	12	Tan/brown silty sand
12	15	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 15.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
	6/23/01		/ /

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-55

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	15.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Tan silty clay
3	7	Tan sand
7	8	Brown silty clay
8	15	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 15.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 1/23/01 Date
Signature Apprentice — / / Date

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Toll free (800) 803-9202
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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-56

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/28/00
Completed 6/28/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.8	Tan/orange/brown clay
0.8	8.3	Tan silty clay
8.3	10.7	Tan silt
10.7	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Alfredo Palacios 8/3/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

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OWNER

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-57

4) Proposed Use (check) – ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/19/00
Completed 6/19/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8.2	Brown/tan SILTY CLAY
8.2	12	Tan SILTY SAND
12	16	Tan, SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Alfredo Palacios	6/23/01		/ /
Licensed Driller/Pump Installer		Apprentice	

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-58

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/19/00
Completed 6/19/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Tan sandy silt
1	7	Brown silty clay
7	16	Tan sand, minor silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: From (ft)	To (ft)	Cement/Bentonite placed in well: From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

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Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/23/01	Apprentice	/ /

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-59

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/19/00
Completed 6/19/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Tan sandy silt
1	7	Brown silty clay
7	15.5	Tan silt
15.5	16	Brown sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/23/01	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-60

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/19/00
Completed 6/19/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	7.6	Tan/brown silty clay
7.6	12	Tan silty sand to sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
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☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/23/01	Apprentice	/ /

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WELL REPORT

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1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☑ Deepening
☐ Reconditioning
B-61, B-62, & B-63

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/20/00
Completed 6/20/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.2	Orange sand
0.2	10.5	Brown/tan silty clay
10.5	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 4/23/01 Date

Signature Apprentice — / / Date

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-64, B-65, & B-66

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/20/00
Completed 6/20/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	9.8	Tan/brown silty clay
9.8	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 6/23/01 Date

Signature Apprentice — / / Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

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Toll free (800) 803-9202
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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-67

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/15/00
Completed 6/15/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Tan sandy, clayey silt
1	5	Tan silty clay
5	8	Tan/orange clay w/minor silt, gypsum
		Present
8	11.5	Tan silty clay
11.5	13.7	Tan sand
13.7	16	Orange clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer | 6/23/01 Date | Signature Apprentice | / / Date

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-68

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/27/00
Completed 6/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8.3	Brown silty clay
8.3	15	Orange clay
15	15.7	Tan silt
15.7	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

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Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature Alfredo Palacios 6/28/01 Signature / /
Licensed Driller/Pump Installer Date Apprentice Date

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2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-69

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/15/00
Completed 6/15/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Brown/tan silty sand
3	11	Brown silty clay
11	15.6	Orange clay
15.6	16	Tan silty to sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

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☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

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Static level ft. below Date / /
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Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
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Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/23/01	Apprentice	/ /

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1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-70

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/19/00
Completed 6/19/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	7.6	Tan silty clay
7.6	8.1	Tan sand w/minor silt
8.1	10	Tan clayey silt
10	12	Tan silt w/minor sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature Alfredo Palacios Licensed Driller/Pump Installer — Date 4/23/01

Signature Apprentice — Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-71

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/14/00
Completed 6/14/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.5	Mix of brown orange clay, silty & sand
0.5	8	Brown to tan silty clay
8	10	Tan clay
10	14.5	Tan silty clay
14.5	15.3	Tan silt to clayey silt
15.3	16	Tan/orange clay
16	16.8	Tan sand
16.8	22.5	Orange/tan clay
22.5	24	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc.. ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — Date 1/23/01
Signature Apprentice — Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83.13.4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-72

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/14/00
Completed 6/14/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3.2	Yellowish silty sand
3.2	8	Brown silty clay
8	10	Tan silty sand
10	17	Orange clay
17	18	Tan silty
18	24	Orange clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature of Licensed Driller/Pump Installer	Date	Signature	Date
Alfredo Palacios	6/23/01	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-73

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	26.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.2	Tan silty sand
1.2	8	Brown silty clay
8	10.3	Brown/tan sand w/ minor silt
10.3	20.5	Orange clay
20.5	22	Brown silty sand
22	26	Orange clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 26.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature		Signature	
Licensed Driller/Pump Installer	7/26/01 Date	Apprentice	/ / Date

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-74

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/14/00
Completed 6/14/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2.5	Tan brown silty sand
2.5	9	Tan silty clay
9	9.8	Brown silty clayey silt
9.8	20.5	Tan clay with mirror silt
20.5	22.5	Tan clayey silt with mirror sand
22.5	24	Orange clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature [signature] Licensed Driller/Pump Installer — Date 6/15/01

Signature Apprentice — Date / /

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 · 13 · 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-75

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/26/00
Completed 6/26/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	28.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8	Tan brown SILTY SAND
8	26	Orange CLAY
26	28	Brown SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 28.0 ft. # of sacks used 11
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 4/3/01 Date
Licensed Driller/Pump Installer

Signature / /
Apprentice Date

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Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-76

Lat. | Long. | Grid # 89.13.4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/26/00
Completed 6/26/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Mix of tan/brown SILT, CLAY & SAND
1	3	Drk. brown CLAY
3	8	Tan/brown SILTY CLAY
8	23.4	Tan/orange CLAY
23.4	24	Brown SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 11
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. | Lic. No. 5036-M

Address P.O. BOX 845 | City FRIENDSWOOD | State TX | Zip 77549

Signature Alfredo Palacios — Licensed Driller/Pump Installer | 4/23/01 Date | Signature — Apprentice | / / Date

TDLR FORM 004WWD — Copies to TDLR - Owner - Driller/Pump Installer — Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-77

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/27/00
Completed 6/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	9	Brown/tan silty clay
9	19.7	Orange clay
19.7	20	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [redacted] 6/28/01
Licensed Driller/Pump Installer Date

Signature
Apprentice Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-78

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/27/00
Completed 6/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Tan sand
1	15.7	Gray silty clay
15.7	18.5	Orange clay
18.5	20	Tan silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 4/3/01 Date

Signature Apprentice — / / Date

TDLR FORM 004WWD

OWNER

Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-79

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/21/00
Completed 6/21/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	21.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Drk. brown silty clay
1	11	Tan/gray silty clay
11	12	Brown/orange clay
12	12.5	Tan silt
12.5	18	Orange clay
18	18.5	Tan orange sandy silt
18.5	21	Orange clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 21.0 ft. # of sacks used 8
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 3/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

TDLR FORM 004WWD

OWNER

Copies to TDLR - Owner - Driller/Pump Installer

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-80

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/21/00
Completed 6/21/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	21.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Drk. brown silty clay
1	11	Tan/gray silty clay
11	15	Orange clay
15	15.3	Tan silt
15.3	17.5	Orange clay
17.5	18	Tan silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 18.0 ft. # of sacks used 8
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer	1/23/01 Date	Signature Apprentice	/ / Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-81

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/21/00
Completed 6/21/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	21.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	10	Gray, drk. brown silty clay
10	20.5	Orange/tan clay
20.7	21	Tan sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 21.0 ft. # of sacks used 9
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-82

Lat. | Long. | Grid # 83.13.4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/21/00
Completed 6/21/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	21.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8.8	Tan sand with mirror silt
8.8	11	Tan silty clay
11	19	Orange clay
19	20	Brown sandy silt
20	21	Orange clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 21.0 ft. # of sacks used 9
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — Date 6/23/01

Signature Apprentice — Date / /

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-83

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/21/00
Completed 6/21/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	6	Drk. brown silty clay
6	10	Tan silty clay
10	23.9	Orange/tan clay
23.9	24	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 6/23/01 Date
Signature Apprentice — / / Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-84

Lat. Long. Grid # 83.13.4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/27/00
Completed 6/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Brown silty clay
3	5	Green silty and silty clay
5	8	Tan/orange silty clay
8	23.8	Orange clay
23.8	24	Brown silt, clayey silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — Date 6/3/01
Signature Apprentice — Date / /

TDLR FORM 004WWD

OWNER

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Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-85

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/22/00
Completed 6/22/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	18.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	6	Brown silty clay
6	11.8	Tan silty clay
11.8	14.1	Orange clay
14.1	18	Tan silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 18.0 ft. # of sacks used 8
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Alfredo Palacios 6/23/01 Date
Licensed Driller/Pump Installer

Signature / / Date
Apprentice

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-86

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/28/00
Completed 6/28/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	5	Drk. brown/black gray silty clay
5	11.5	Tan silty clay
11.5	14.7	Orange clay
14.7	20	Tan silty sand

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

(Use reverse side of Well Owner's copy, If necessary)

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — Date 6/23/01

Signature Apprentice — Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-87

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/22/00
Completed 6/22/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	18.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Drk. brown clay
1	6.3	Brown silty clay
6.3	13	Tan silty clay
13	18	Tan silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 18.0 ft. # of sacks used 8
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 4/23/01 Date

Signature Apprentice — / / Date

TDLR FORM 004WWD OWNER Copies to TDLR - Owner - Driller/Pump Installer

Attention Owner:
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Texas Department of License and Regulation

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-88

Lat. | **Long.** | **Grid #** 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/28/00
Completed 6/28/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Drk. brown silty clay
3	8.5	Tan silty clay
8.5	16.1	Orange clay
16.1	20	Tan silty sand to sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: | Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature of Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
Alfredo Palacios	6/23/01		/ /

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1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-89

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	17.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.5	Drk. brown silty clay
0.5	2	Brown clayey silt
2	12.7	Brown silty clay
12.7	14	Orange clay
14	17	Brown silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 17.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — Date 11/3/01
Signature Apprentice — Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-90

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.5	Drk. brown silty clay
0.5	11	Gray silty clay
11	12	Gray green sandy silt
12	15	Tan/green clay, blocky
15	20	Tan/green silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	7/23/01	Apprentice	/ /

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-91

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	17.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Drk. brown SILTY CLAY
1	16	Brown SILTYCLAY
16	17	Tan SANDY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 17.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
	6/17/02		6/17/02

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-92

Lat. **Long.** **Grid # 83 – 13 – 4**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/29/00
Completed 6/29/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other **Direct Push**

From (ft)	To (ft)	Description and color of formation material
0	11.8	Tan silty clay
11.8	13	Orange clay
13	16	Tan silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other **PLUGGED**
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature [signature] Date 6/30/01
Licensed Driller/Pump Installer

Signature / /
Apprentice Date

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-93

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/27/00
Completed 6/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.5	Mix of rock, sand, clay
0.5	13	Tan silty clay
13	15.5	Orange clay
15.5	16	Tan, silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer 1/23/01 Date

Signature Apprentice / / Date

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WELL REPORT

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-94

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/27/00
Completed 2/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.2	Tan SAND
.2	11.7	Tan, silty clay
11.7	13.2	Brown SILT
13.2	16	Orange CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**
Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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2) WELL LOCATION

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NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-95

Lat. | Long. | Grid # 83.13.4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/23/00
Completed 6/23/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	15.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3.7	Dark brown SILTY CLAY
3.7	12	Brown SILTY CLAY
12	14.3	Orange CLAY
14.3	15	Tan SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 15.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

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☐ Specified Surface Slab Installed
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☐ Approved Alternative Procedure Used

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☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
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Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 848 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-96

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/12/00
Completed 6/12/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.5	Mix of debris, clay, sand, silt, loose, red, tan
		Black, green
1.5	8.3	Tan clay
8.3	13	Tan, sand
13	14.5	Tan to brown silt
14.5	20	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-97

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/12/00
Completed 6/12/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Miscellaneous debris – clay, silt, drk. brown/ Tan to brown clayey silt
2	7	Tan clay
7	10	Tan/orange silt
10	16	Tan silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature of Licensed Driller/Pump Installer	Date	Signature	Date
Alfredo Palacios	6/23/01		/ /
		Apprentice	

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WELL REPORT

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-98

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/12/00
Completed 6/12/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8	Orange/brown clay & sand coarse grained
		Sand/ Tan/brown silty clay
8	9.5	Becoming tan/orange clay
9.5	14	Tan silt (minor clay)
14	16	Tan silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/2/01	Apprentice	/ /

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-99

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/12/00
Completed 6/12/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Drk. brown silt, sand and clay
1	3	Tan clayey silt
3	9	Tan silty clay
9	14	Tan clay
14	16	Tan silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

12) Packers Type Depth
N/A

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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OWNER

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
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Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-100

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/12/00
Completed 6/12/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8	Clay/silt/shells, tan/ Tan silty clay
8	8.7	Tan sand silt
8.7	12	Tan clayey silt
12	16	Tan sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-101

Lat. | **Long.** | **Grid # 83 – 13 – 4**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/12/00
Completed 6/12/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other **Direct Push**

From (ft)	To (ft)	Description and color of formation material
0	8	Shells & silt, tan/ Tan silty clay
8	9.8	Tan sandy silt
9.8	11.5	Tan, clay
11.5	13	Tan silt
13	16	Green sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other **PLUGGED**
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-102

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/12/00
Completed 6/12/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Brown silt & clay w/shell
1	7	Tan silty clay
7	8.7	Tan silt
8.7	10	Tan clay
10	11.3	Tan sandy silt
11.3	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

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☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

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Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. | Lic. No. 5036-M

Address P.O. BOX 845 | City FRIENDSWOOD | State TX | Zip 77549

Signature [signature] | 4/23/01 | Signature | / /
Licensed Driller/Pump Installer | Date | Apprentice | Date

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
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2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-103

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/12/00
Completed 6/12/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3.5	Tan silty clay to clay
3.5	10.5	Tan clay
10.5	11.5	Tan, sandy silt
11.5	13	Tan clay
13	15	Gray clay
15	16	Gray silt sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/23/01	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-104

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/13/00
Completed 6/13/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Mix of debris, clay, silt-tan, black, green/ Brown silty clay
3	4.7	Tan silty clay
4.7	9.5	Brown-mix of drk. brown to brown silty clay
9.5	15.5	Tan clay
15.5	16	Gray silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 7/23/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-105, B-106, & B-107

Lat. | Long. | Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/23/00
Completed 6/23/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	12.0
	—	

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Brown silty CLAY
1	10	Tan silty CLAY
10	12	Tan sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — Date 4/5/01

Signature — Apprentice — Date / /

TDLR FORM 004/WWD Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-108

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic _ ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/20/00
Completed 6/20/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	18.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other **Direct Push**

From (ft)	To (ft)	Description and color of formation material
0	6	Brown silty clay
6	11	Tan silty clay
11	13	Tan silty sand
13	18	Grade to tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other **PLUGGED**
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 18.0 ft. # of sacks used 9
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature **Alfredo Palacios** 4/23/01
Licensed Driller/Pump Installer — Date

Signature / /
Apprentice — Date

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OWNER

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-109

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/20/00
Completed 6/20/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	15.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	10.7	Tan/brown silty clay
10.7	15	Tan sand

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

(Use reverse side of Well Owner's copy, If necessary)

9) Cementing Data
Cementing from 0 ft. to 15.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature [signature] 4/23/01 Signature / /
Licensed Driller/Pump Installer Date Apprentice Date

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
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This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-110

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/14/00
Completed 6/14/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Mix of shells, silt, clay, sand, tan
1	6.7	Tan silty clay
6.7	8	Tan silt
8	10	Tan sandy silt
10	13	Tan silty clay
13	15.5	Tan clay
15.5	16	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 7
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Alfredo Palacios 6/16/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-111

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) _ N↑

6) Drilling Date
Started 6/14/00
Completed 6/14/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.5	Very drk. brown sand & silt
.5	4	Mix of tan & brown clayey silt, yellow sand
4	16	Tan/brown clay to silty clay
16	20	Orange clay
20	21	Interbedded clay silt with sand lenses
21	24	Silty clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 9
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Alfredo Palacios 6/6/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-112

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/27/00
Completed 6/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	10.5	Tan silty clay
10.5	18.5	Orange clay
18.5	20	Tan to orange/green

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing by ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer 1/23/01 Date

Signature Apprentice / / Date

TDLR FORM 004WWD

OWNER

Copies to TDLR - Owner - Driller/Pump Installer

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-113

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/22/00
Completed 6/22/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	18.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	6	Brown SILTY CLAY
6	10	Tan SITLY CLAY
10	13.8	Orange CLAY
13.8	18	Brown SITLY SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 18.0 ft. # of sacks used 7
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 4/23/01 Date
Signature Apprentice — / / Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-114

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Caliche then silty sand to sand
2	6.7	Brown clayey silt
6.7	11	Tan silty clay
11	11.7	Orange clay
11.7	16	Tan silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 07/01 Licensed Driller/Pump Installer — Date

Signature Apprentice — / / Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-115

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/26/02
Completed 6/26/02

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Tan SAND
1	10.9	Tan SILTY CLAY
10.9	14	Orange CLAY
14	16	Gray SILTY SAND to SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-116

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Tan sand
1	10.9	Tan silty clay
10.9	14.8	Orange clay
14.8	19	Gray silty sand to sand
19	20	Tan/gray sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 4/23/01 Date

Signature Apprentice — / / Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-117

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/23/00
Completed 6/23/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	15.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.5	White rocks, CLAY
1.5	6.3	Brown SILTY CLAY
6.3	9.0	Tan SILTY CLAY
9.0	14	Orange CLAY
14	15	Tan SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 15.0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/23/01	Apprentice	/ /

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 - 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-118

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/27/00
Completed 6/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.2	Brown silty clay
4.2	8	Brown and olive green, silty clay
8	18	Brown and olive green clay
18	20	Green sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 6/28/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

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OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-119

Lat. | Long. | Grid # 83 – 13 - 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/27/00
Completed 6/27/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Drk. brown clay, caliche mixed in
3	8	Tan/brown silty clay, olive green apx. 4' to 8'
8	19	Tan/olive green clay
19	20	Green silt, very minor sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer Date 6/27/01

Signature Apprentice Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-120

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/28/00
Completed 6/28/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.1	Drk. brown silty clay
4.1	8	Tan silty clay
8	19	Orange clay
19	24	Green silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO *If yes, did you submit a* REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature [signature] Licensed Driller/Pump Installer — Date 6/23/01

Signature Apprentice — Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-121

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/28/00
Completed 6/28/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.3	Brown clay
0.3	8	Tan silty clay
8	19.8	Tan-orange clay
19.8	20	Gray sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer | 1/23/01 Date | Signature Apprentice | / / Date

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-122

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/30/00
Completed 6/30/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3.7	Brown CLAY
3.7	8.1	Tanish/brown SILT CLAY
8.1	19.5	Brown CLAY
19.5	23	Green SILTY CLAY
23	24	Green SANDY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 11
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature: [signature] 1/23/01
Licensed Driller/Pump Installer — Date

Signature / /
Apprentice — Date

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Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-123

Lat. | Long. | Grid # 83-13-4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/30/00
Completed 6/30/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3.7	Brown CLAY
3.7	8.1	Tanish/brown SILT CLAY
8.1	19.7	Brown CLAY
19.7	20	Green SILTY CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 11
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — Date 6/5/01

Signature Apprentice — Date / /

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-124, B-125, & B-126

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/29/01
Completed 6/29/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4	Brown silty clay
4	23.5	Orange clay w/ gray/green
23.5	24	Tan silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 6/29/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-127

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/28/00
Completed 6/28/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	20.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.5	Brown silty clay
1.5	4	Tan silty clay
4	17.2	Orange clay
17.2	20	Gray/green silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. | Lic. No. 5036-M
Address P.O. BOX 845 | City FRIENDSWOOD | State TX | Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	4/23/01	Apprentice	/ /

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83-13-4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-128

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/28/00
Completed 6/28/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	24.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	7	Brown silty clay
7	14.2	Orange-tan-green clay, minor silt
14.2	15.7	Green silt, minor sand
15.7	22	Orange-green clay
22	24	Green silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 6
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**
Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-129

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/29/00
Completed 6/29/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4	Brown silty clay
4	8	Tan silty clay
8	14	Tan clay
14	15.5	Tan silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 8
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: *Cement/Bentonite placed in well:*

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 6/23/01 Date
Signature Apprentice — / / Date

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-130

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/16/00
Completed 6/16/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.5	Drk. brown SILTYCLAY
1.5	9	Brown to tan SILTY CLAY
9	11	Orange CLAY
11	15	Brown, SILT w/minor SAND
15	16	Brown medium grained SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-131, B-133, B-136, & B-138

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/16/00
Completed 6/16/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	4.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.0	Shells, SAND, CLAY, brown
1.0	4	Saturated SAND, shells

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 4.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

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Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

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Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-132

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/16/00
Completed 6/16/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3.7	Brown CLAY w/minor SILT
3.7	8	Tan SILTY CLAY
8	15.6	Tan SILT w/minor fine to very fine SAND
15.6	16	Tan medium to fine grained SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

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Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

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Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-134

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/16/00
Completed 6/16/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	8	Mixture of SAND, SILT, CLAY, rocks
8	11	Brown/tan SILTY CLAY
11	12	Brown SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-135

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/16/00
Completed 6/16/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Brown SANDY SILT, shells
3	10	Brown, SILTY CLAY w/shells
10	13	Tan SANDY SILT
13	16	Tan SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-137

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/16/00
Completed 6/16/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Brown SAND, SILT, CLAY, rocks
3	8	Brown SILTY CLAY, pebbles within
8	11	Black SILTY CLAY
11	12	Brown SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer		Apprentice	
Ah. Francisco Cabello	6/17/02		6/17/02

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WELL REPORT

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1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-139

Lat. 27 48 35 Long. 97 27 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/16/00
Completed 6/16/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	24.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	12	Brown SILTY CLAY to CLAY
12	22	Orange CLAY
22	23.5	Brown CLAYEY SILT
23.5	24	Brown SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: From (ft)	To (ft)	Cement/Bentonite placed in well: From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-140

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/29/00
Completed 6/29/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	6.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Brown clay & sand & silt w/ shells
2	6	Gray, black, brown sand & silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 6.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: / Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Alfredo Palacios 6/29/01 — Licensed Driller/Pump Installer — Date

Signature — Apprentice — Date / /

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-141

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/16/00
Completed 6/16/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.5	Brown CLAY, shells
.5	5	Tan CLAY
5	12	Gray/green SAND & SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-142

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/29/00
Completed 6/29/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.7	Drk. brown clay
0.7	6	Tan silty clay
6	6.1	Orange cemented sand & shells
6.1	8	Gray/green sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
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Depth to pump bowls, cylinder, jet, etc., ft.

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Static level ft. below Date / /
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15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

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Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 6/29/01 — Licensed Driller/Pump Installer — Date

Signature / / — Apprentice — Date

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Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-143

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 6/29/00
Completed 6/29/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other **Direct Push**

From (ft)	To (ft)	Description and color of formation material
0	8	Brown green sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other **PLUGGED**
If Gravel Packed give the Interval from ft. to Ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet. etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **5036-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/29/01	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-144, 145, & 146

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.1	Topsoil, rocks
.1	1.7	Tan silty clay
1.7	3.9	Brown silty clay
3.9	5.2	Oyster bed
5.2	8	Black clayey sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

ddress P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature of Licensed Driller/Pump Installer	7/23/01 Date	Signature	/ / Date
		Apprentice	

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-147

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	4.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Caliche, brown clay
1	3.7	Tan silty clay
3.7	4	Black coarse grained material (sand?)

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data -- N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 4.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Alfredo Palacios 1/23/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

Attention Owner:
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on reverse side of owner's copy.

Texas Department of License and Regulation

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-148 & 149

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Brown silty clay
3	5	Black, brown silty clay, lithified rock/sand
		Material
5	8	Black clayey silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — Date 7/23/01

Signature Apprentice — Date / /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

OWNER

Attention Owner:
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Texas Department of License and Regulation

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-150

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) _ N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	.8	Brown, SANDY CLAY
.8	2.5	Tan CLAY
2.5	3	Brown SILT to CLAYEY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-151

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	3	Drk. brown CLAYEY SILT w/minor SAND content

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

OWNER

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-152

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	3	Brown/tan mix of SILT, SAND, CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer		Apprentice	
	6/17/02	Calistro Campozano	6/17/02

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-153

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.2	White caliche
.2	5	Mix of clay, rocks, shells
5	8	Brown, green, black, silty sand & silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	8/3/01	Apprentice	/ /

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OWNER

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-154

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.1	Caliche
.1	1.0	Brown clay w/rocks & shells
1.0	8	Drk. brown sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 7/23/01
Licensed Driller/Pump Installer — Date

Signature / /
Apprentice — Date

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-155

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.3	Brown clay, rocks, shells
1.3	3	Tan/brown sandy silt
3	8	Brown silty sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer	4/23/01 Date	Signature Apprentice	/ / Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-156, 157, & 158

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/10/00
Completed 7/10/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	4.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.1	White shells, sand
.1	1.0	Tan silty clay w/rocks & shells
1.0	4	Gray sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 4.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] 7/26/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-159, 160, & 161

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	4.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Brown mix of silty clay, shells
2	3.9	Brown sandy silt
3.9	4.0	Gray sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 4.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	7/13/01	Apprentice	/ /

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A. WELL IDENTIFICATION AND LOCATION DATA

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-162, B-163 & B-164

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	1.2	Tan/brown SANDY CLAY
1.2	2	Tan, SILTY CLAY, CLAYEY SILT
2	3	Black/gray SANDY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-165

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	.8	Brown SILTY CLAY w/shells
.8	2.3	Tan CLAY
2.3	3	Tan SANDY SILT, minor CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-166

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	.8	Drk. brown SANDY SILT
.8	2	Brown CLAYEY SILT
2	3	Brown SILT, minor CLAY, rock, SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: / Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-167

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	2	Brown sandy silt
2	3	Brown SANDY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-168

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.5

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	5	Broken shells, SAND
5	3.1	Tan CLAY
3.1	3.5	Tan/brown CLAYEY SILT w/minor SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-169

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	1.5	Brown/black SANDY SILT w/shells
1.5	3	Black mix of SAND, SILT, CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-170

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	3	Brown, SANDY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

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☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
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14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-171

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	4.2

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	5	Shells, SILT, SAND
5	3.8	Tan CLAY
3.8	4.2	SILT, minor CLAY, shells

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 4.2 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

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Static level ft. below Date / /
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Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
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12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
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County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-172

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	2.5

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	1.8	Drk. brown, SAND SILT, shell fragments
1.8	2.5	Drk. brown, CLAYEY SILT w/SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 2.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-173

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.3	Brown clay, SILT & SAND
.3	2.8	Tan/brown SILTY CLAY
2.8	3	Brown CLAYEY SILT, minor SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-174

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 1/15/01
Completed 1/15/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	10.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.8	Drk. brown clay, silty clay, shell fragments
1.8	4	Brown/tan silty clay
4	5.5	Tan sandy silt
5.5	10	Tan sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 10.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 1/23/01 Date

Signature Apprentice — / / Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-175

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 1/15/01
Completed 1/15/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Drk. brown sitly clay
2	4.7	Tan/brown sitly clay
4.7	5.5	Grading to a sandy silty clay
5.5	12	Tan, sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 1/23/01 Date

Signature Apprentice — / / Date

Attention Owner:
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1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-176

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 1/15/01
Completed 1/15/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	10.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.5	Drk. brown silty clay
1.5	4.1	Tan/brown sitly clay
4.1	4.5	Tan, silty clay to silty sand
4.5	10	Tan, sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 10.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 843 City FRIENDSWOOD State TX Zip 77549

Signature	1/23/01	Signature	/ /
Licensed Driller/Pump Installer	Date	Apprentice	Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-177

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 1/15/01
Completed 1/15/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4	Drk. brown clay/ brown clay, silty clay, Sand content increase at 3-4'
4	12	Tan, sand/ gray sand

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well. Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	1/23/01	Apprentice	/ /

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-178

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 1/15/01
Completed 1/15/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	10.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.2	Drk. brown clay/ brown clay, silty clay
4.2	5	Gray sand silt
5	7	Gray sand
7	7.4	Gray clay
7.4	10	Gray well graded sand

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 10.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature of Licensed Driller/Pump Installer 1/23/01 Date

Signature Apprentice / / Date

TDLR FORM 004WWD Copies to TDLR • Owner • Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-179

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 1/15/01
Completed 1/15/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	10.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.4	Drk. brown clay
1.4	5	Tan clay to silty clay
5	7	Gray silty sand to sandy silt
7	10	Tan sand

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 10.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Alfredo Palacios 1/23/01
Licensed Driller/Pump Installer Date

Signature / /
Apprentice Date

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B – 180

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/06/01
Completed 11/06/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	4.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.8	Tan, SANDY SILT
.8	4	Brown, SILTY CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 4.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-181

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	2.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.7	Tan, SAND
.7	2	Black, SILTY CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 2.0 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-182

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/06/01
Completed 11/06/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Tan, CLAYEY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-183

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/06/01
Completed 11/06/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.5	Tan SILTY SAND
.5	3	Tan, SILTY CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO *If yes, did you submit a* REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
Abi Jaramillo	6/17/02	calistro campozano	6/17/02

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Texas Department of License and Regulation

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-184 & B-185

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/06/01
Completed 11/06/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	.6	Brown SILTY SAND
.6	3	Brown /tan CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

Attention Owner:
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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-186 & B-187

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) _ N↑

6) Drilling Date
Started 11/06/01
Completed 11/06/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	14.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.5	Gravel fill material
.5	11.7	Brown, SILTY CLAY
11.7	14	Tan/brown SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 14.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level N/A
Static level ____ ft. below Date / /
Artesian Flow ____ gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-188

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/06/01
Completed 11/06/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	11	Brown SILTY CLAY
11	12	Tan/brown SILT, some very fine SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-189

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/06/01
Completed 11/06/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2.3	Brown/black SILTY CLAY
2.3	8.3	Tan SILTY CLAY
8.3	12	Tan SILTY SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice CALISTRO CAMPOZANO	6/17/02

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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-190

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/07/01
Completed 11/07/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	11.3	Tan SILTY CLAY
11.3	12	Tan SILTY SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

Attention Owner:
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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-191

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/07/01
Completed 11/07/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Drk. brown CLAY
1	8	Tan SILTY CLAY, minor SAND
8	12	Tan/orange CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

Attention Owner:
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on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-192

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/07/01
Completed 11/07/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.1	Drk. brown SILTY CLAY
1.1	10	Lt. brown SILTY CLAY
10	12	Tan CLAYEY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

Attention Owner:
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on reverse side of owner's copy.

Texas Department of License and Regulation

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-193

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/07/01
Completed 11/07/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.4	Shells, SILT
.4	7.5	Tan SILTY CLAY
7.5	11	Green SILTY CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer		Apprentice	

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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Texas Department of License and Regulation

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-194

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	14.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	6	SILTY CLAY
6	8	Tan SILT
8	10	Tan SILTY SAND
10	14	Tan CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 14.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-195

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	14.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Asphalt & caliche fill
1	2.5	Tan SAND
2.5	14	Brown SILTY CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 14.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: From (ft)	To (ft)	Cement/Bentonite placed in well: From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer		Apprentice	
	6/17/02	Carlos Campozano	6/17/02

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-196

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	9	Brown SILTY CLAY
9	16.5	Orange CLAY
16.5	18	Tan SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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OWNER

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-197

Lat.			Long.			Grid #
27	48	35	97	27	18	

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	16.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.1	Brown CLAY
4.1	8.2	Tan CLAY
8.2	15	Orange CLAY
15	16	Brown SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 16.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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OWNER

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B – 198

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	4.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4	Brown, SILTY CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 4.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B – 199

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	2.5

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other **Direct Push**

From (ft)	To (ft)	Description and color of formation material
0	1	Shells, SILT/SAND mix
1	2.5	Tan, SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 2.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-200

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	1.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other **Hand Auger**

From (ft)	To (ft)	Description and color of formation material
0	1	Shells, silt/sand mix

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other **PLUGGED**
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 1.0 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B – 201

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	2.5

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	.8	Shells, SILT/SAND mix
.8	2.5	Tan SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 2.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B – 202

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	2.5

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other **Hand Auger**

From (ft)	To (ft)	Description and color of formation material
0	2.5	Tan SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other **PLUGGED**
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 2.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

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P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-203

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) _ N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	9.5	Brown SILT, SAND, glass, rock (fill)
9.5	12	Drk. brown CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
	6/17/02	Calistro Campozano	6/17/02

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-204

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	14.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	7.5	Fill debris, SILT, SAND
7.5	11	Black/brown CLAY
11	12	Tan CLAYEY SILT
12	14	Tan SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 14.0 ft. # of sacks used 1 ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) **BEST DRILLING SERVICES, INC.** Lic. No. **4997-M**

Address **P.O. BOX 845** City **FRIENDSWOOD** State **TX** Zip **77549**

Signature		Signature	
Licensed Driller/Pump Installer	6/17/02 Date	Apprentice	6/17/02 Date

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Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-205 & SB134A

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/08/01
Completed 11/08/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	6.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	6	Brown SILTY CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 6.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
LITHOLOGIC 1A

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.1	Brown sandy silty clay, shells present
4.1	6	Tan silty sand
6	8	Drk. brown sandy silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — Date 7/23/01

Signature Apprentice — Date / /

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OWNER

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
LITHOLOGIC 1B

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1.2	Brown silty clay
1.2	4	Brown silty clay w/ green blue materials
4	8	Saturated brown sandy silt w/ green blue Materials

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc.. ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

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Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	8/3/01	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

OWNER

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
LITHOLOGIC 1C

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.7	Caliche, brown clay
.7	.8	Blue green sediment
.8	1.0	White material, flakey/powder-like
1.0	1.4	Blue green material
1.4	1.6	White fibrous material
1.6	5	Mix of clay (brown) & blue green material
5	8	Saturated brown clayey silt

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	7/23/01	Apprentice	/ /

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WELL REPORT

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1) OWNER

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

Lat. | Long. | Grid # 83 – 13 – 4

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
LITHOLOGIC 2A

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	6.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2.5	Brown silty clay w/rocks & shells
2.5	3.7	Tan clay
3.7	5	Gray to drk. gray sandy silt to silt
5	6.0	Grayish sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 6.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. | Lic. No. 5036-M

Address P.O. BOX 845 | City FRIENDSWOOD | State TX | Zip 77549

Signature Licensed Driller/Pump Installer | 4/23/01 Date | Signature Apprentice | / / Date

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
LITHOLOGIC 2B

Lat. | Long. | Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	0.5	Sand & caliche (white)
0.5	5	Drk. brown, brown, tan, orange swirl effect
		Of silty clay
5	8.0	Brown clayey silt w/ organic matter wood

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By ALFREDO PALACIOS
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)

Cement/Bentonite placed in well:

From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	7/23/01	Apprentice	/ /

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
NUECES	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
LITHOLOGIC 2C

Lat. Long. Grid # 83 – 13 – 4

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/11/00
Completed 7/11/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.5	SURFACE	8.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Mixture of brown/tan silty clay w/ rock & Shells
2	4.3	Brown silty clay
4.3	5	Black, brown crystalline, fibrous material
5	8	Tan sandy silt w/lt. green material w/paper

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the Interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data N/A

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from 0 ft. to 8.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing by ALFREDO PALACIOS
Distance from septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian flow gpm. Date / /

12) Packer(s)

Type	Depth
N/A	

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well:

From (ft)	To (ft)	Sacks used

Cement/Bentonite placed in well:

From (ft)	To (ft)

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc.. ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes x NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 5036-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer 7/26/01 Date

Signature Apprentice / / Date

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Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning

3A – Lithology

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	3	Tan blocky CLAY

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

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Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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☐ New Well ☐ Deepening
☐ Reconditioning
3B – Lithology

Lat. 27 | 48 | 35 **Long.** 97 | 27 | 18 **Grid #**

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If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	2.8	Tan CLAY
2.8	3	Debris – green material

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

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Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

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☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

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☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
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Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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County	Physical Address	City	State	Zip
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☐ New Well ☐ Deepening
☐ Reconditioning
3C – Lithology

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	2.5

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	2.5	Mix CLAY, SILT, SAND, shells

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well-Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 2.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
4A – Lithology

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.2

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	3	Tan/brown SANDY SILT
3	3.2	Mixed debris & SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 3.2 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	6/17/02	Apprentice	6/17/02

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
4B – Lithology

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	3.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	3	Tan mix of CLAY & SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 3.0 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
	6/17/02		/ /

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Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5300 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5300 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
4C – Lithology

Lat. 27 | 48 | 35 Long. 97 | 27 | 18 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11/05/01
Completed 11/05/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	2.5

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✠ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	2.5	Drk. brown, CLAYEY SILT

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
		N/A				

9) Cementing Data
Cementing from 0 ft. to 2.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By CALISTRO CAMPOZANO
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level N/A
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature		Signature	
Licensed Driller/Pump Installer	6/17/02 Date	Apprentice	/ / Date

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APPENDIX C

Appendix C

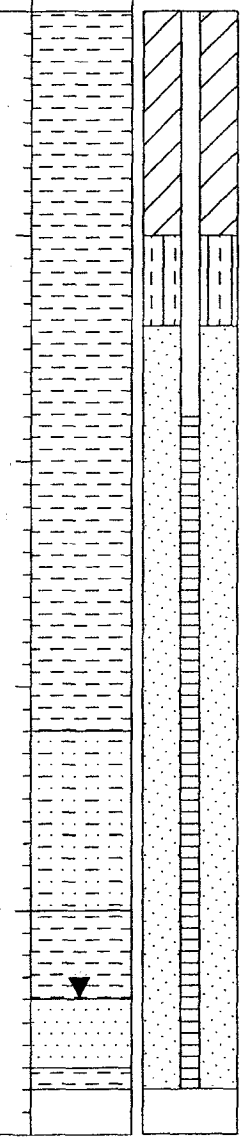
Monitor Well Completion Diagrams

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–4' Moderate brown, silty clay (CL).
5	4–8' Very pale gray to brownish gray, silty clay (CL).
	8–10' Very pale orange, silty clay (CL).
10	10–14' Very pale olive, silty clay (CL).
15	14–16' Pale dusky yellow, silty clay (CL).
	16–20' Very pale grayish orange/tan, clayey silt (ML).
20	20–22' Very pale grayish orange/tan, clay (CL) with interbedded light gray sand/silt stringers.
	22–23.5' Light gray, sand (SP), very fine grained, saturated.
	23.5–24' Very pale orange to light bluish gray, clay (CL).
	Total depth = 24 feet.

SYMBOL

COMPLETION



MW–11
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 26, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–9'
CASING

2" PVC; SLOTTED 9–24'
SCREEN

0–5'
CEMENT

5–7'
BENTONITE

7–24'
SAND PACK

---/25.98'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

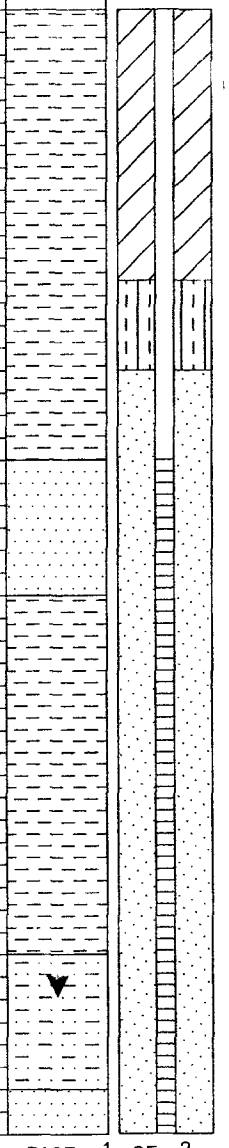
SAND
SILT
CLAY

FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–2' Moderately dark brown, silty clay (CL).
	2–6' Tan to light grayish yellow, silty clay (CL).
5	
	6–10' Very pale grayish orange, silty clay (CL).
10	
	10–12' Very pale orange, clayey silt and sand (ML/SP).
	12–13' Very pale grayish orange, sand (SP), very fine to fine grained.
15	
	13–21' Very pale grayish orange, silty clay (CL).
20	
	21–24' Light gray clayey silt (ML), some very fine to fine *grained sand, saturated at 22 feet.*



MW–12
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

DECEMBER 19, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–10'
CASING

2" PVC; SLOTTED 10–30'
SCREEN

0–6'
CEMENT

6–8'
BENTONITE

8–30'
SAND PACK

---/26.63'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')
HC LEVEL
WATER LEVEL
SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

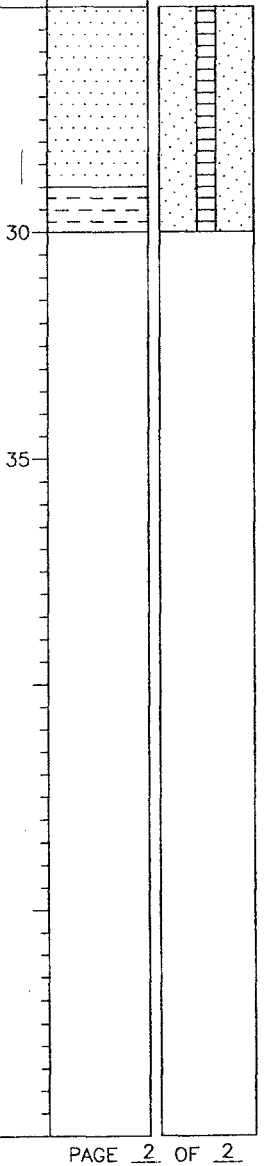
ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	24–29' Light gray, sand (SP), fine grained.
30	29–30' Light gray to tan, clay (CL).
	Total depth = 30 feet.
35	

SYMBOL

COMPLETION



MW–12
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

DECEMBER 19, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–10'
CASING

2" PVC; SLOTTED 10–30'
SCREEN

0–6'
CEMENT

6–8'
BENTONITE

8–30'
SAND PACK

---/26.63'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

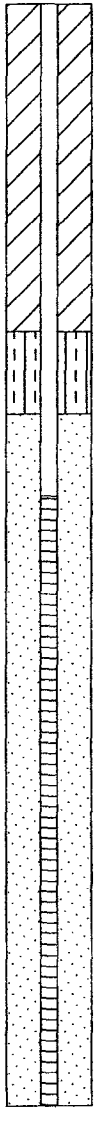
ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–4' Medium dark brown, silty clay (CL), stiff.
5	4–6' Pale brown, silty clay (CL), stiff.
	6–10' Very pale yellowish brown, silty clay (CL), stiff.
10	10–14' Very pale orange, silty clay (CL), stiff.
15	14–26.5' Very pale orange brown, clayey silt (ML), saturated at 18 feet.
20	
25	26.5–27' Very pale olive, clay (CL). Total depth = 27 feet.

SYMBOL

COMPLETION



MW–13
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 14, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–12'
CASING

2" PVC; SLOTTED 12–27'
SCREEN

0–8'
CEMENT

8–10'
BENTONITE

10–27'
SAND PACK

---/27.47'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

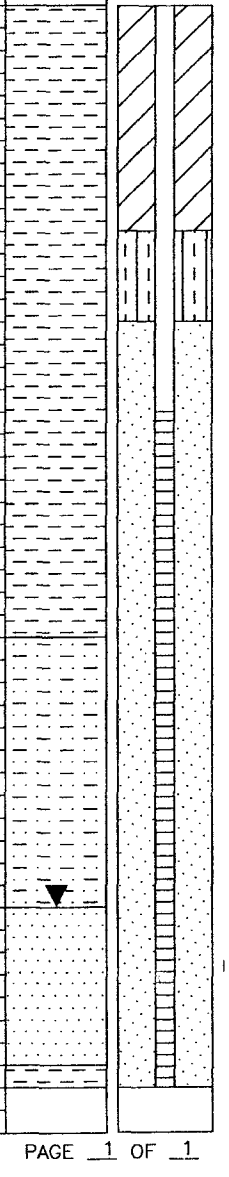
SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

PAGE 1 OF 1

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–2' Moderate dark brown, silty clay (CL).
5	2–8' Very pale light gray/tan, silty clay (CL).
10	8–14' Very pale grayish orange/tan, silty clay (CL).
15	14–20' Very pale grayish orange/tan, silt (ML).
20	20–23.5' Very pale grayish orange/tan, sand (SP), very fine grained, saturated.
	23.5–24' Very pale olive clay (CL).
	Total depth = 24 feet.



MW–14
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 26, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–9'
CASING

2" PVC; SLOTTED 9–24'
SCREEN

0–5'
CEMENT

5–7'
BENTONITE

7–24'
SAND PACK

---/27.14'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

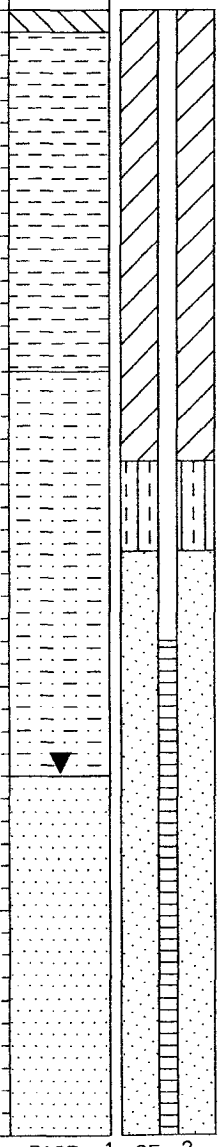
HC LEVEL
WATER LEVEL

SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–0.5' Loose gravel fill.
	0.5–1' Pale brown, silty clay (CL).
5	1–8' Very pale orange/tan, silty clay (CL).
10	8–14' Very pale olive, clayey silt (ML).
15	14–17' Dusky yellow, silt (ML).
	17–18' Pale olive, silty sand (SM), very fine grained, saturated at 17 feet.
20	18–27' Pale olive, sand (SP), very fine to fine grained.



MW–15
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 19, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–14'
CASING

2" PVC; SLOTTED 14–34'
SCREEN

0–10'
CEMENT

10–12'
BENTONITE

12–34'
SAND PACK

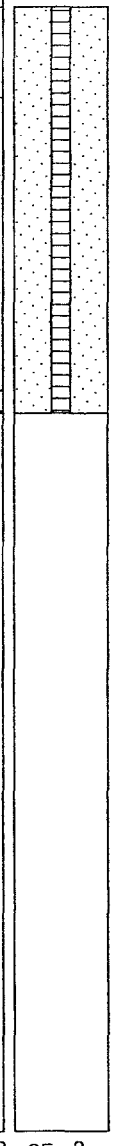
---/22.71'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')
SAND
SILT
CLAY
HC LEVEL
WATER LEVEL
FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION	SYMBOL	COMPLETION
30	27–33.5' Pale orange/tan, sand (SP), fine to medium grained.	30	
35	33.5–34' Pale orange/tan, clay (CL). Total depth = 34 feet.	35	



MW–15
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 19, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–14'
CASING

2" PVC; SLOTTED 14–34'
SCREEN

0–10'
CEMENT

10–12'
BENTONITE

12–34'
SAND PACK

---/22.71'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

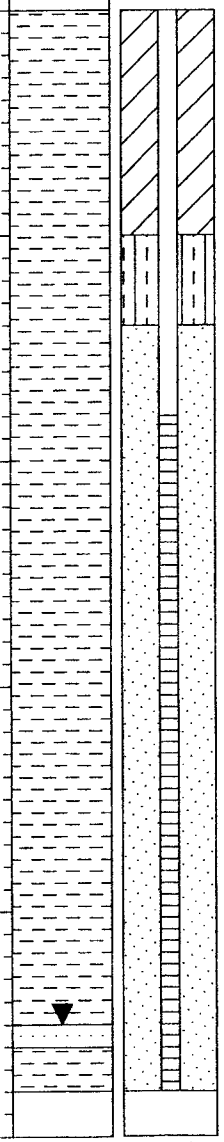
ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
5	0–8' Very pale olive gray, silty clay (CL).
10	8–22.5' Very pale orange/tan, silty clay (CL).
15	
20	22.5–23' Very pale yellowish brown/tan, sand (SP), very fine grained, saturated at 22.5 feet.
	23–24' Very pale orange/tan, clay (CL).
	Total depth = 24 feet.

SYMBOL

COMPLETION



MW–16
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 21, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–9'
CASING

2" PVC; SLOTTED 9–24'
SCREEN

0–5'
CEMENT

5–7'
BENTONITE

7–24'
SAND PACK

---/27.05'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

SAND
SILT
CLAY

FILL/CONCRETE
BENTONITE
GRAVEL

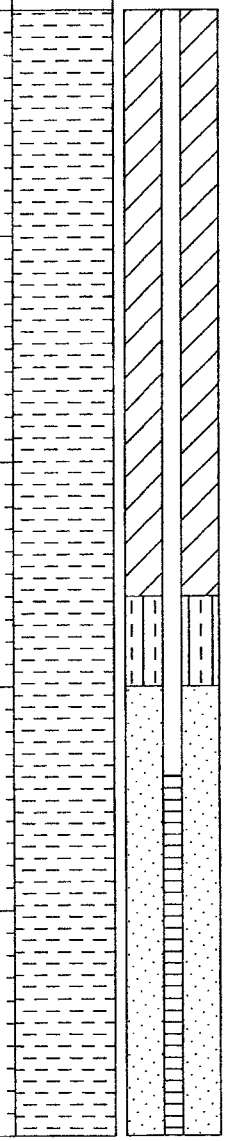
ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–2' Moderate grayish black, clay (CL).
	2–4' Moderate greenish gray, silty clay (CL).
5	4–6' Very pale olive, silty clay (CL).
	6–26' Very pale orange/tan, silty clay (CL).
10	
15	
20	

SYMBOL

COMPLETION



MW–17
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 19, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–17'
CASING

2" PVC; SLOTTED 17–37'
SCREEN

0–13'
CEMENT

13–15'
BENTONITE

15–37'
SAND PACK

---/26.87'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION	SYMBOL	COMPLETION
30	26–37' Very pale olive, sand (SP), very fine grained. Saturated.		
35	37–38' Tan, clay (CL).		
40	Total depth = 38 feet.		

MW–17
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 19, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–17'
CASING

2" PVC; SLOTTED 17–37'
SCREEN

0–13'
CEMENT

13–15'
BENTONITE

15–37'
SAND PACK

---/26.87'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

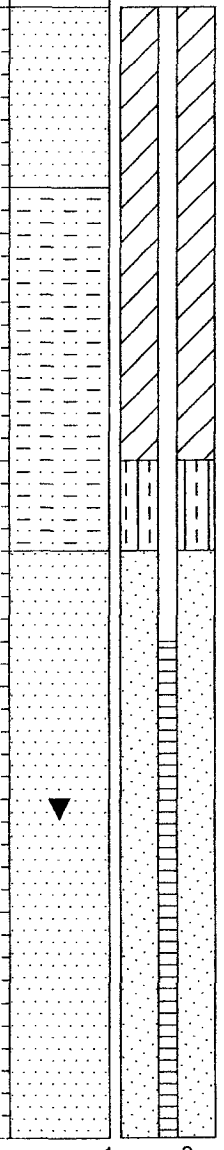
HC LEVEL
WATER LEVEL

SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–4' Medium dark brown, sand (SP), very fine grained with abundant loose fill.
5	
	4–12' Very pale orange gray, clayey silt (ML).
10	
15	
	12–28.5' Very pale orange, sand (SP), very fine to fine grained, saturated at 18 feet.
20	



MW–18
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 13, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–14'
CASING

2" PVC; SLOTTED 14–29'
SCREEN

0–10'
CEMENT

10–12'
BENTONITE

12–29'
SAND PACK

---/24.01'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')
HC LEVEL
WATER LEVEL
SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

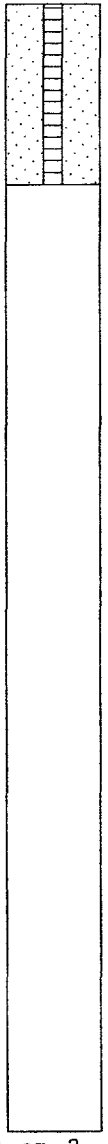
ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
30	28.5–29' Very pale olive, clay (CL).
	Total depth = 29 feet.
35	

SYMBOL

COMPLETION



MW-18
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 13, 2001
DATE

HOLLOW-STEM AUGER
DRILLING METHOD

2" PVC 0–14'
CASING

2" PVC; SLOTTED 14–29'
SCREEN

0–10'
CEMENT

10–12'
BENTONITE

12–29'
SAND PACK

---/24.01'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

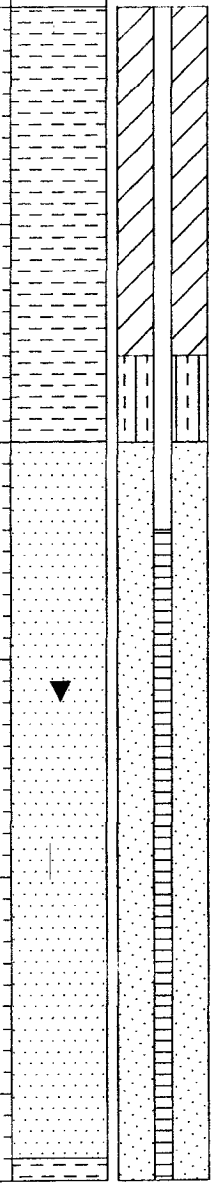
SAND
SILT
CLAY

FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–4' Tan, silty clay (CL), stiff.
5	4–7' Moderate dark brown to black, silty clay (CL), stiff.
	7–10' Very pale olive brown, silty clay (CL), stiff.
10	10–14' Tan/very pale yellowish brown, loose silty sand (SM).
15	14–26.5' Very pale yellowish brown to tan, sand (SP), very fine grained, saturated at 16 feet.
20	
25	26.5–27' Very pale olive to tan, clay (CL).
	Total depth = 27 feet.



MW–19
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 12, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–12'
CASING

2" PVC; SLOTTED 12–27'
SCREEN

0–8'
CEMENT

8–10'
BENTONITE

10–27
SAND PACK

---/23.63'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

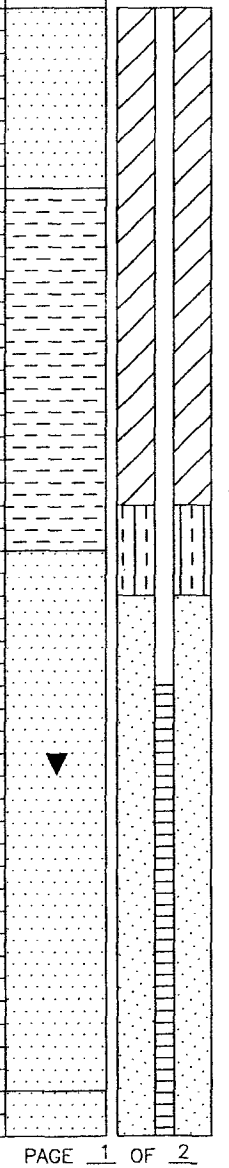
ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
5	0–4' Moderate brown, silty sand (ML/SM).
10	4–6' Very pale olive gray, silty clay (CL).
15	6–12' Very pale orange, silty clay (CL).
20	12–16' Very pale light reddish brown, sand (SP), very fine grained.
	16–24' Very pale light yellowish brown, sand (SP), very fine grained, saturated at 17 feet.

SYMBOL

COMPLETION



MW--20
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 20, 2001
DATE

HOLLOW-STEM AUGER
DRILLING METHOD

2" PVC 0–15'
CASING

2" PVC; SLOTTED 15–35'
SCREEN

0–11'
CEMENT

11–13'
BENTONITE

13–35'
SAND PACK

---/23.82'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION	SYMBOL	COMPLETION
30	24–35' Very pale light yellowish brown, sand (SP), fine to medium grained.	30	
35	35–36' Tan, clay (CL).	35	
	Total depth = 36 feet.		

MW–20
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 20, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–15'
CASING

2" PVC; SLOTTED 15–35'
SCREEN

0–11'
CEMENT

11–13'
BENTONITE

13–35'
SAND PACK

---/23.82'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

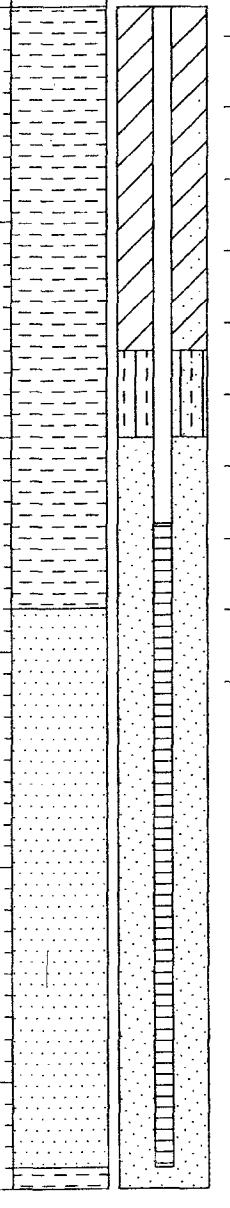
ARCADIS

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–2' Pale grayish orange, silty clay (CL).
	2–4' Very pale olive to pale yellowish brown, silty clay (CL).
5	
	4–12' Pale olive, silty clay (CL).
10	
	12–14' Pale grayish orange, silty clay (CL).
15	
	14–27' Very pale grayish orange/tan, sand (SP), very fine grained, saturated at 17 feet.
20	
25	
	27–27.5' Very pale yellow/tan, clay (CL).
	Total depth = 27.5 feet.

SYMBOL

COMPLETION



MW–21
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 12, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–12'
CASING

2" PVC; SLOTTED 12–27'
SCREEN

0–8'
CEMENT

8–10'
BENTONITE

10–27'
SAND PACK

---/23.58'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

HC LEVEL
WATER LEVEL

SAND
SILT
CLAY

FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Uper River Rd	CC	Tx.	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Uper River Rd.	CC	Tx	

3) Type of Work	Lat.	Long.	Grid #
Mw#11			83-12-2

3) Type of Work: ☐ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check): ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply. If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date: Started 11 26 01; Completed 11 26 01

Diameter of Hole

Dia.(in)	From (ft)	To ft
8	0	24

7) Drilling Method (check): ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other HSA

From (ft)	To (ft)	Description and color of for mation material
0	4	Clay
4	9	Silty Clay
9	10	Silty Clay
10	14	" "
14	16	" "
16	20	Clayey Silt
20	22	Clay w/Sand stringers
22	23.5	Sand mat
23.5	24	Clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion: ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other 20/40
If Gravel Packed give the interval from 24 ft. to 7 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
2	N	PVC Screen	24	9		010
2	N	PVC Riser	9	0	40 gal	

9) Cementing Data
Cementing from 5 ft. to 0 ft. # of sacks used 1
B/S 7 ft. to 5 ft. # of sacks used 1
Method Used hand
Cementing By J-D-D
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
	N/A			

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc. ft.

11) Water Level
Static level ft. below Date 11 26 01
Artesian Flow gpm. Date

15) Water Test
Typetest ☐ Pump ☐ Baller ☐ Jetted ☐ Estimated N/A
Yield: gpm with ft. drawdown after hrs.

12) Packers N/A Type Depth

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☐ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print)	Jones Env. Drilling	Lic. No.	4931 M
Address 1911 N. Lexington Blvd	City C.C.	State Tx	Zip 78409
Signature Paul Davidson	6/11/02	Signature	
Licensed Driller/Pump Installer	Date	Apprentice	Date

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
ENCYCLE	5500 UPRIVER RD	Corpus Christi	Tx	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces.	5600 UPRIVER Rd	Corpus Christi	Tx	

3) Type of Work MW #12 ☐ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

Lat. Long. Grid = E3-12-2

4) Proposed Use (check) ☑ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date: Started 12 19 01 Completed 12 19 01

Diameter of Hole: Dia(in) 8 From(ft) 0 To(ft) 30

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable ☐ Other HSA

From (ft)	To (ft)	Description and color of formation material
0	2	Brown Silty Clay
2	6	Tan to grayish yellow Silty Clay
6	10	" " "
10	12	Clayey Silt & Sand
12	13	grayish orange Sand
13	24	SILTY CLAY
24	29	Sand
29	30	Clay

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other 20/40
If Gravel Packed give interval from 30 ft. to 8 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting ft: From	To	Gage Casing	Gage Screen
2	N	PVC Screen	30	10		010
2	N		10	0	40	

(Use reverse side of Well Owner's copy, if necessary)

9) Cementing Data
Cementing from 6 ft. to 0 ft. For sacks used 1
8 ft. to 6 ft. For sacks used 1
Method Used Hand
Cementing By JED
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance ___

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well: N/A

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☑ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump ☐ Turbine ☐ Jet N/A ☐ Submersible ☐ Cylinder ☐ Other ___
Depth to pump bowls, cylinder, jet etc. ___ ft.

11) Water Level
Static level 22 ft. below Date 12 19 01
Artesian Flow N/A gpm. Date ___

15) Water Test N/A
Type test ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ___ gpm with ___ ft. drawdown after ___ hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☐ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water: ___ Depth of Strata ___
Was a chemical analysis made ☐ Yes ☐ No

12) Packers N/A Type Depth

Company or Individual's Name (type or print) JONES ENV. DRILLING Lic. No. 4931M

Address 1911 N. Lexington Blvd City Corpus Christi State Tx Zip 78409

Signature Paul Davis 6, 11, 02 Signature

Licensed Driller/Pump Installer Date Apprentice Date

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 UPRIVER Rd.	Corpus Christi	Tx	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 UPRIVER	Corpus Christi	TX	

3) Type of Work MW #13 — Lat. — Long. — Grid # 83-12-2

☐ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☑ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply — If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date: Started 11 14 01 — Completed 11 14 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
7	0	27

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☑ Other HSA

From (ft)	To (ft)	Description and color of formation material
0	4	silty clay
4	6	" "
6	10	" "
10	14	" "
14	26.5	clayey silt + sand
26.5	27	clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other 2 of 40
If Gravel Packed give the interval from 27 ft. to 12 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
2	N	PVC Screen	27	12		010
2	N	PVC Riser	12	0	40	

9) Cementing Data
Cementing from 8 ft. to 0 ft. # of sacks used 2
12 ft. to 8 ft. # of sacks used 1
Method Used Tremie hand
Cementing By Encycle
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
		N/A		

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet N/A ☐ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet etc. ____ ft.

11) Water Level
Static level ____ ft. below Date 11 04 01
Artesian Flow ____ gpm. Date ____

15) Water Test
Typetest ☐ Pump ☐ Bailer N/A ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

12) Packers N/A Type Depth

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☐ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print)	Jones Env. Drilling	Lic. No.	4931M
Address 1941 N. Lexington Blvd	City CC	State Tx	Zip 78409

Signature Paul Daniels 6, 11, 02 — Signature

Licensed Driller/Pump Installer — Date — Apprentice — Date

TDLR FORM 001/WWD — White - TDLR — Yellow - Owner — Pink - Driller/Pump Installer

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
ENCYCLE	5500 UPRIVER Rd.	Corpus Christi	Tx.	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 UPRIVER Rd.	Corpus Christi	Tx	

3) Type of Work MW 14	Lat.	Long.	Grid # 83-12-2
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening	4) Proposed Use (check) ☒ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply If Public Supply well, were plans submitted? ☐ Yes ☐ No		5) NT

6) Drilling Date
Started 11 26 01
Completed 11 26 01

Diameter of Hole

Dia (in)	From (ft)	To (ft)
8	0	24

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other HSA

From (ft)	To (ft)	Description and color of formation material
0	2	Silty Clay
2	8	" "
8	14	" "
14	20	orange/tan silt
20	23.5	Tan to orange sand mix
23.5	24	Clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from 24 ft. to 7 ft.

Casing, Blank Pipe, and Well Screen Data

Dia (in)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
2	N	PVC Screen	20	9	210	
2	N	PVC Riser	9	0	40	

9) Cementing Data
Cementing from 5 ft. to 2 ft. # of sacks used 1
8/15 7 ft. to 5 ft. # of sacks used 1
Method Used Hand
Cementing By ZEUS
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet N/A ☐ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet etc. ____ ft.

11) Water Level
Static level 20 ft. below Date 11 26 01
Artesian Flow ____ gpm. Date ____

15) Water Test
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated N/A
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

12) Packers N/A

Type	Depth

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water: ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☒ No

Company or individual's Name (type or print) JONES ENV. DRILLING Lic. No. 4931M

Address 1911 N. Lexington City C.C. State Tx Zip 78409

Signature Paul Dmitko 11 a 02 Signature

Licensed Driller/Pump Installer | Date | Apprentice | Date

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 UPRIVER Rd	Corpus Christi	TX	78409

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 UPRIVER	Rd Corpus Christi	TX	

Lat.	Long.	Grid #
		63-12-2

3) Type of Work mw # 5
☑ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☑ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) ☑

6) Drilling Date
Started 11 19 01
Completed 11 19 01

Diameter of Hole

Dia(in)	From (ft)	To (ft)
8	0	34

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☑ Other HSA

From (ft)	To (ft)	Description and color of formation material
0	.5	fill
.5	8	silty Clay
8	14	Clayey silt
14	17	Silt
17	18	silty Sand mix
18	27	Sand - mix
27	32.5	" "
32.5	34	Clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other 20/40
If Gravel Packed give the interval from 34 ft. to 12 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing	Gage Screen
2	N	PVC Screen	34	14		010
2	N	PVC Riser	14	0	40	

9) Cementing Data
Cementing from 12 ft. to 0 ft. # of sacks used 2
12 ft. to 16 ft. # of sacks used 1
Method Used hand
Cementing By JEDC
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
		N/A		

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet N/A ☐ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet etc.. ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

11) Water Level
Static level 7.1 ft. below Date 11 19 01
Artesian Flow ____ gpm. Date ____

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☐ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☐ No

12) Packers N/A

Type	Depth

Company or individual's Name (type or print)	Jones Env. Drilling	Lic. No.	4931
Address	1911 N. Lexington	City	C.C.
State	TX	Zip	78409

Signature David Davis 6/11/02 Signature

Licensed Driller/Pump Installer	Date	Apprentice	Date

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation
Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)[illegible]-7880 FAX (512)463-8616
Toll free (800)803-9[illegible]2
Email address: water.well@lic[illegible]se.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPO[illegible]

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Rd.	Corpus Christi	Tx.	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Rd.	Corpus Christi	Tx.	

3) Type of Work: MW #16 ☐ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

Lat. Long. Grid # 83-12-2

4) Proposed Use (check): ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply. If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date: Started 11 21 01 Completed 11 21 01

Diameter of Hole: Dia. (in.) | From (ft.) | To (ft.): 8 | 0 | 24

7) Drilling Method (check): ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted. Dia: HSA

From (ft.)	To (ft.)	Description and color of formation material
0	8	Silty Clay
8	22.5	" "
22.5	23	Sand Bearing wt
23	24	Clay

8) Borehole Completion: ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other 2C/40
Gravel Packed in the interval from 24 ft. to 7 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	To	Gage Casing	Gage Screen
2	N	PVC Screen	9	24		.010
2	N	PVC Riser	0	9	Sch 40	

(Use reverse side of Well Owner's copy, if necessary)

9) Cementing Data
Cementing from 5 ft. to 9 ft. # of sacks used 1
ft. to 5 ft. # of sacks used 1
Method Used hand
Cementing By JEDE
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance ___

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft.)	To (ft.)	From (ft.)	To (ft.)	Sacks used

14) Type Pump
☐ Turbine ☐ Jet N/A ☐ Submersible ☐ Cylinder
☐ Other ___
Depth to pump bowls, cylinder, jet etc. ___ ft.

11) Water Level
Static level 22.5 ft. below Date 11 21 01
Artesian Flow ___ gpm. Date ___

15) Water Test
Type test ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated N/A
Yield: ___ gpm with ___ ft. drawdown after ___ hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☐ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ___ Depth of Strata ___
Was a chemical analysis made ☐ Yes ☐ No

12) Packers N/A Type Depth

Company or individual's Name (type or print): Jones Env. Drilling L.c. No. 4931M

Address 1911 N. Lexington City C.C. State Tx. Zip 78409

Signature: Paul Daniels 6/11/02 Signature

Licensed Driller/Pump Installer | Date | Apprentice | Date

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program

P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
ENCycle	5500 UPRIVER Rd.	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 UPRIVER Rd.	Corpus Christi	TX.	

3) Type of Work: MW 17 — Lat. — Long. — Grid # 83-12-2

☑ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check): ☑ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Test well ☐ Rig Supply — If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date: Started 11-19-01 Completed 11-19-01

Diameter of Hole: Diameter (in.) | From (ft.) | To (ft.): 7 | 0 | 37

7) Drilling Method (check): ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Hollow Auger ☐ Cable Tool ☐ Other — Dia HSA

From ft.	To ft.	Description and color of formation material
0	2	Clay
2	4	Silty Clay
4	6	" "
6	26	" "
26	37	Wet Sand
37	42	Clay

8) Borehole Completion: ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other 20/40
If Gravel Packed or other material from 37 ft. to 15 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting ft. From	Setting ft. To	Gage Casing	Gage Screen
2	N	PVC Screen	37	17		010
2	N	PVC Riser	17	0	40	

(Use reverse side of Well Owner's copy, if necessary)

9) Cementing Data
Cementing from 17 ft. to 0 ft. For sacks used 3
15 ft. to 13 ft. For sacks used 1
Method Used Tremie
Cementing By JEDE
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance ___

13) Plugged ☐ Well plugged within 48 hours — NA
Casing left in well: Cement/Bentonite placed in well:

From (ft.)	To (ft.)	From (ft.)	To (ft.)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder — NA
☐ Other ___
Depth to pump bowls, cylinder, jet etc. ___ ft.

11) Water Level
Static level 26 ft. below Date 11 19 01
Artesian Flow ___ gpm. Date ___

15) Water Test
Type test ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated — NA
Yield: ___ gpm with ___ ft. drawdown after ___ hr.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ___ Depth of Strata ___
Was a chemical analysis made ☐ Yes ☒ No

12) Packers

Type	Depth

Company or individual's Name (type or print): JONES ENV. DRILLING Lic. No. 4931M

Address 1911 N. Lexington Blvd. City C.C. State TX. Zip 78409

Signature: Paul Davidson 6, 11, 02

Licensed Driller/Pump Installer | Date | Apprentice | Date

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Rd.	Corpus Christi	Tx.	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces.	5500 Up River Rd.	Corpus Christi	Tx.	78

3) Type of Work MW 18	Lat.	Long.	Grid # 83-12-2

☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☒ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date
Started 11 13 01
Completed 11 13 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
8	0	29

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other HSA

From (ft)	To (ft)	Description and color of formation material
0	4	Sand & fill
4	12	Clayey silt
12	22.5	Sand wet @ 18'
22.5	29	Clay

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other: 20/40
If Gravel Packed give the interval from 29 ft. to 12 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
2	N	PVC screen	29	14		010
2	N	PVC Riser	14	2	40	

(Use reverse side of Well Owner's copy, if necessary)

9) Cementing Data
Cementing from 10 ft. to 0 ft. # of sacks used 2
Cementing from 12 ft. to 10 ft. # of sacks used 1
Method Used P/S
Cementing By Jones
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder N/A
☐ Other ____
Depth to pump bowls, cylinder, jet etc.. ____ ft.

11) Water Level
Static level 12 ft. below Date 11 12 01
Artesian Flow ____ gpm. Date ____

15) Water Test
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated N/A
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☒ No

12) Packers

Type	Depth

Company or individual's Name (type or print)	Jones Env. Drilling	Lic. No.	4931M
Address 1911 N. Lexington	City C.C.	State Tx.	Zip 78409
Signature Paul Daniels	6/11/02	Signature	
Licensed Driller/Pump Installer	Date	Apprentice	Date

TDLR FORM 001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 UPRIVER Rd.	Corpus Christi	Tx	78

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces.	5500 UPRIVER Rd.	Corpus Christi	Tx	78

Lat.	Long.	Grid #
		83-12-2

3) Type of Work MW 19
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☒ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date
Started 11-12-01
Completed 11-12-01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
8	0	27

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☒ Other: HSA

From (ft)	To (ft)	Description and color of formation material
0	4	Silty clay
4	7	" "
7	10	" "
10	14	Silty Sand
14	26.5	Sand wet @ 16
26.5	27	Clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other 20/40
If Gravel Packed give the interval from 27 ft. to 10 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
2	N	PVC SCH 40	27	12		.010
2	N	PVC RISER	12	0		

9) Cementing Data
Cementing from 12 ft. to 0 ft. # of sacks used 2
Bent. 12 ft. to 8 ft. # of sacks used 1
Method Used Tremie
Cementing By JETT
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance ___

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level 10 ft. below Date 11 12 01
Artesian Flow ___ gpm. Date ___

12) Packers

Type	Depth

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder N/A
☐ Other ___
Depth to pump bowls, cylinder, jet etc. ___ ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated N/A
Yield: ___ gpm with ___ ft. drawdown after ___ hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ___ Depth of Strata ___
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print)	Lic. No.
JONES ENV. DRILLING	4931M

Address	City	State	Zip
1911 N. Lexington	Corpus Christi	Tx	78409

Signature (Licensed Driller/Pump Installer)	Date	Signature (Apprentice)	Date
Paul Daniels	6/11/02		

TDLR FORM 001WWD

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Texas Department of License and Regulation

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 UPRIVER	Rd. Corpus	Tx.	78

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 UPRIVER	Rd. Corpus Christi	Tx	78

3) Type of Work MW 20	Lat.	Long.	Grid #
			83-12-2

☐ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date
Started 11 20 01
Completed 11 20 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
8	0	35

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other HSA

From (ft)	To (ft)	Description and color of formation material
0	6	Silty Sand
6	12	Silty Clay
12	15	Sand
15	20	Sand wet @ 17
20	25	Sand
25	35	Clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other 20/40
If Gravel Packed give the interval from 35 ft. to 13 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
2	N	PVC screen	35	15	010	
2	N	PVC Riser	15	0	40 slot	

9) Cementing Data
Cementing from 11 ft. to 0 ft. # of sacks used 2
BP 13 ft. to 11 ft. # of sacks used 1
Method Used Hand
Cementing By JEDI
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well: N/A

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder N/A
☐ Other ____
Depth to pump bowls, cylinder, jet etc.. ____ ft.

11) Water Level
Static level 7 ft. below Date 11 12 01
Artesian Flow ____ gpm. Date ____

15) Water Test
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated N/A
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☐ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water: ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or individual's Name (type or print)	Jones Env. Drilling	Lic. No.	4931M
Address 194 N. Lexington	City Corpus Christi	State Tx	Zip 78409

Signature	Licensed Driller/Pump Installer	Date	Signature	Apprentice	Date
Jack Daniloff		6, 11, 02			

TDLR FORM 001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
ENCYCLE	5500 UPRIVER Rd.	C.C.	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 UPRIVER Rd.	C.C.	TX	

Lat.	Long.	Grid #
		83-12-2

3) Type of Work MW 21
☑ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date
Started 11 12 01
Completed 11 12 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
8	0	27.5

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other HSA

From (ft)	To (ft)	Description and color of formation material
0	2	Silty Clay
2	4	" "
4	12	" "
12	14	" "
14	27	Sand Wet @ 17
27	27.5	Clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other 20/40
If Gravel Packed give the interval from 27 ft. to 10 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
2	N	PVC SCREEN	27	12		010
2	N	PVC RISER	12	0		40 SCH

9) Cementing Data
Cementing from 2 ft. to 0 ft. # of sacks used 2
Cementing from 12 ft. to 2 ft. # of sacks used 1
Method Used DS
Cementing By Jones
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well: N/A

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder N/A
☐ Other ____
Depth to pump bowls, cylinder, jet etc.. ____ ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

11) Water Level
Static level 17 ft. below Date 11 12 01
Artesian Flow ____ gpm. Date ____

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☐ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or individual's Name (type or print)	Jones Env. Drilling	Lic. No.	4931M
Address 1911 N. Lexington	City Corpus Christi	State TX.	Zip 78409

Signature (Licensed Driller/Pump Installer)	Date	Signature (Apprentice)	Date
Paul Daniloff	6, 11, 02		

APPENDIX D

Appendix D

Manifests for Monitor Well Drill Cuttings and Boneyard Materials

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

net 20697

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD005117518 Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS P.O. BOX 4767 CORPUS CHRISTI, TX 78469	A. State Manifest Document Number 02542141
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name ABSOLUTE INDUSTRIES	6. US EPA ID Number TXR000029725 C. State Transporter's ID 85869 D. Transporter's Phone 361-882-7747
7. Transporter 2 Company Name	8. US EPA ID Number E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS 3.5 MILES SOUTH ON PETTUS ROAD PETTUS, TEXAS	10. US EPA ID Number TXD069452340 G. State Facility's ID 50052 H. Facility's Phone 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, NOS, CLASS 9 NA3077, PG III (D006)	001	DT	11520	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above	K. Handling Codes for Wastes Listed Above
CONTAMINATED SOIL 09-004-5847	M111/M132

15. Special Handling Instructions and Additional Information
EMERGENCY CONTACT - 361-289-0300 ERG #171

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE		03	14	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name Robert Chavarria	Signature	Month 03	Day 14	Year 02
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Tacoma = 11,620

Printed/Typed Name	Signature	Date Month	Day	Year
Ernest Garza		03	15	02

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD 008 117 186	Manifest Document No. 40812	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340012

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGIST, 3.5 MILES SOUTH ON PETRONILLA RD, ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, NOS, CLASS 9, NA 3077, PG III (D006, D008, F006, SEE ATT)	003	DM	1170	P	0021302H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: a. CONTAMINATED SOIL - 09004 3654

K. Handling Codes for Wastes Listed Above: A. M-125

15. Special Handling Instructions and Additional Information: boring samples

TCLP weight 1170

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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	10	22	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
SIMON JACAPE 2	Simon Jacape	10	10	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		10	12	01

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P.O. Box 13087
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WDF 02432

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117184	Manifest Document No. 42447	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469

4. Generator's Phone: 361 289 6322

A. State Manifest Document Number: 02140447

B. State Generator's ID: 3000 3

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID / D. Transporter's Phone
ABSOLUTE INDUSTRIES	TXR000029725	855869 / 361 387 7747
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID / F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility's ID / H. Facility's Phone
TEXAS ECOLOGIST, 3.5 MILES SOUTH ON PETRONILLA RD, ODESSA, TEXAS 79765	TXD149453340	500052 / 361 387 3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S. (CONTAINS LEAD AND CADMIUM) CLASS 9, NA3077, PG III (D006, D008)	001	DT	42440	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: WEST BONE YARD, WDI 09-004-5847 Tonnage: 42,540P & 11/12/01

K. Handling Codes for Wastes Listed Above: M-111, M-132

15. Special Handling Instructions and Additional Information: ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month Day Year
BETH TAYLOR		11 11 2001

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month Day Year
Jaime GARZA	Jaime Garza	11 11 2001

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date

Printed/Typed Name	Signature	Month Day Year
		11 12 01

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117846 Manifest Document No. 495

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS
P.O. BOX 4767
CORPUS CHRISTI, TX 78407

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number 02140448

B. State Generator's ID 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID 85869
D. Transporter's Phone 361-387-7747

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC
3.5 MILES S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID 50052
H. Facility's Phone 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9 NA 3077, PG III (D006, D008)	001	DT	42580	P	0051319H EP
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONTAMINATED SOIL & CONCRETE
TECO W/S # 09-004-5847

K. Handling Codes for Wastes Listed Above
M111 - M132

15. Special Handling Instructions and Additional Information
EMERGENCY
CONTACT NUMBER - 361-289-0300
ERG # 171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name: BETH PAYNE
Signature: Beth Payne
Month Day Year: 11 19 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Enrique Ybarra
Signature
Date: Month Day Year: 11 19 01

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
Teco wt = 42,540 lb.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Ernest Garza
Signature
Date: Month Day Year: 11 19 01

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008171862 Manifest Document No. 2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE / TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02339999

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 MILES S. PETRONILA ROAD, ROBSTOWN, TEXAS

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9, NA 3077, PG III (D006, D008)	001	CM	32640	P	00153191
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONTAMINATED SOIL & CONCRETE
WJS # 09-004-5847 Tecolote = 32,680 lbs

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: EMERGENCY # 361-289-0300 ERG # 171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	1	12	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year
Roy Garcia	Roy Garcia	1	20	01

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date

Printed/Typed Name	Signature	Month	Day	Year
Ernest Cano	Ernest Cano	1	20	01

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008111716 Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340000

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 MILES S. PETRONILA ROAD, ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9, NA 3077, PG III. (D006, D008)	001	CM	30832	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONTAMINATED SOIL & CONCRETE
TECO W/S # 09-004-5847

K. Handling Codes for Wastes Listed Above: H111 / H132

15. Special Handling Instructions and Additional Information: EMERGENCY # 361-289-0300 ERG # 171

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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	20	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
MARCIO RENDON	Marcio Rendon	11	20	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Tweight: 30,500 P 11/20/01

Printed/Typed Name	Signature	Date: Month	Day	Year
[illegible]	[illegible]	11	20	01

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117196 Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC
P.O. BOX 4767
CORPUS CHRISTI, TX 78469

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02340001

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC
3.5 MILES SOUTH ON PETRONILA RD
ROBSTOWN, TX 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077 PG III (D006, D008)	001	CM	26460	P	00153191
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
CONT SOIL & CONCRETE
09-004-5847

K. Handling Codes for Wastes Listed Above
M111 / M132

15. Special Handling Instructions and Additional Information
EMERGENCY CONTACT - 361-289-0300 ERG #171

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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE		1	1	2010

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Victor Gomez		1	1	2010

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Tons: 24,580 P 11/24/10

Printed/Typed Name	Signature	Date: Month	Day	Year
Tom Stark		1	1	2010

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CONSERVATION COMMISSION
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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD0[illegible] Manifest Document No. [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469
4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02340002
B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: TEXAS ECOLOGIST, INC, 3.5 MILE S PETRONILA RD, ROBSTOWN, TX 78380
10. US EPA ID Number: TXD069452342
G. State Facility's ID: 52052
H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, 9, NA 3077 PG III (D006, D008)	001	CM	23060	P	0015319 H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONT SOIL & CONCRETE
09-004-5847

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: EMERGENCY# 361-289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	1	1	2010

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
MARIO RENCOR	Mario Rencor	1	1	2010

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

TRANSPORTER

19. Discrepancy Indication Space: TECO wt = 22820

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
ERNEST GARZA	Ernest Garza	1	1	2010

FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD005117186 Manifest Document No. 20503
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS
P.O. BOX 4767
CORPUS CHRISTI, TX 78469

A. State Manifest Document Number 02340003

4. Generator's Phone (361) 289-0300

B. State Generator's ID 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID 85869
D. Transporter's Phone 361-387-7747

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC
3.5 MILES S PETRONILA RD
ROBSTOWN, TX 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID 50052
H. Facility's Phone 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077 PG III (D006, D008)	001	CM	37140	P	00153RH
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
CONT SOIL & CONCRETE
09.004.5847

K. Handling Codes for Wastes Listed Above
M111 / M132

15. Special Handling Instructions and Additional Information
EMERGENCY # 361.289.0300 ERG #171

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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	2	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Tony Alvarez	Tony Alvarez	11	20	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Teco wt= 37,260 lb,

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ernest Garza	Ernest Garza	11	20	01

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WF # 02499

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117194 Manifest Document No. 49804	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469
4. Generator's Phone: 361 289 0300

A. State Manifest Document Number: 02340004
B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: 361.387.7747

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 MILES S. ON PETRONILA RD, ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: 361.387.3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, ~~NA~~ 3077 PG III (D006, D008)	001	CM	34560	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONT SOIL & CONCRETE, 09.004.5847
K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: EMERGENCY # 361.289.0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	20	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year
MARIO RENDON	Mario Rendon	11	20	01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Teco wt = 34,540 lbs

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
ERNEST GARZA	Ernest Garza	11	20	01

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
TXD008171961	42665		

3. Generator's Name and Mailing Address: ~~TEXAS~~ BICYCLE/TEXAS, INC
P.O. BOX 4767
CORPUS CHRISTI, TX 78467

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340005

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address:
TEXAS ECOLOGISTS, INC
3.5 MILES S. PETRONILA RD
ROBSTOWN, TX 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS. 9 NA3077 PG III (D006, D008)	001	CM	22440	P	OD015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above:
W/S# 09.004-5847
CONT SOIL & CONCRETE

K. Handling Codes for Wastes Listed Above:
M111 / M132

15. Special Handling Instructions and Additional Information:
EMERGENCY # 361-289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	1 1 2010

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month Day Year
Roy Garza	Roy Garza	1 12 10

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space
Tec wt = 22420 lb,

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date

Printed/Typed Name	Signature	Month Day Year
Ernest Garza	Ernest Garza	1 12 10

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117156 — Manifest Document No. 45[illegible]

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: EXCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340006

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES — 6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGIST, INC, 3.5 MILES S. ON PETRONILA, ROBSTOWN, TEXAS 78380 — 10. US EPA ID Number: TXD069452340

G. State Facility's ID: 30052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9 UN 3077, PG III (D006, D008)	001	DT	40800	P	00153191
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONT SOIL 09-004-5847

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: 361-289-0300 - EMERGENCY# ERG 171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name: BETH PAYNE — Signature: Beth Payne — Month Day Year: 11 19 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: KIT MATHEWS — Signature: Kit Mathews — Date: 11 19 01

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date

FACILITY

19. Discrepancy Indication Space: Teco wt = 40,480 lbs

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: ERNEST CARLO — Signature: Ernest Carlo — Date: 11 19 01

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4 of 7

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 25007	2. Page 1 of	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02340007

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029725

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-9747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 M. SOUTH ON PETRONILLA RD, ROBSTOWN, TEXAS 78380

10. US EPA ID Number

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9 NA 3077, PG III (D006, D008)	001	DT	38160	P	0051319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONT. SOIL; TECO W/S# 09-004-5847

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: CONTACT 361-289-0300 ERG#171; EMERGENCY #

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	01	19	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ramiro Rodriguez		01	19	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Teco wt = 38140 lbs

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
ERNEST COPPA		01	19	01

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008171786	Manifest Document No. 4E00	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC P.O. BOX 4767 CORPUS CHRISTI, TX 78407 4. Generator's Phone (361) 289-0300	A. State Manifest Document Number 02340008 B. State Generator's ID 30003
5. Transporter 1 Company Name ABSOLUTE INDUSTRIES	6. US EPA ID Number TXR000029728
7. Transporter 2 Company Name	8. US EPA ID Number
9. Designated Facility Name and Site Address TEXAS ECOLOGIST, INC 3.5 MILES S. PETRONILA RD ROBSTOWN, TEXAS 78380	10. US EPA ID Number TXD069452340

C. State Transporter's ID 855869
D. Transporter's Phone 361-387-7747
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID 50052
H. Facility's Phone 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9 NA3077, PG III (D006, D008)	001	DT	24855	P	B2 0015319
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
CONT SOIL & CONCRETE
TECO W/S# 09.004.5847

K. Handling Codes for Wastes Listed Above
M111 / M132

15. Special Handling Instructions and Additional Information
CONTACT 361.289.0300 IN EMERGENCY ERG#171

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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	1	19	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Roy Gore	Roy Gore	1	19	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space
TECO wt = 24,985 lbs

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
Ernest Lopez	Ernest Lopez	1	19	01

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186 Manifest Document No. 40009	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC
P.O. Box 4767
CORPUS CHRISTI, TX 78407

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340009

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGIST, INC
3.5 MILE S. PETRONILA RD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9, NA 3077, PGIII (D006, D008)	001	BT	41640	P	00153191
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: METAL CONTAMINATED SOIL & CONCRETE
TECO W/S # 09.004.5847 Tecoat 42280 lbs

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: EMERGENCY CONTACT NUMBER 361-289-0300 ERG # 171

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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	15	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ENRIQUE YBARRA		11	15	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
ERNEST LOGE	Ernest Loge	11	19	01

TNRCC-0311 (Rev. 07/01/97) White - original Pink - TSD Facility Yellow - Transporter Green - Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

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Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD005117186 Manifest Document No. 02340010	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78407

4. Generator's Phone: 361 289-0300

A. State Manifest Document Number: 02340010

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 MILES S. PETRONILA RD, ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PG III (D006, D008)	001	DT	36380	P	0015319H
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: METAL CONTAMINATED WITH SOIL
TECO W/S# 09-004-5847

K. Handling Codes for Wastes Listed Above: M111/M132

15. Special Handling Instructions and Additional Information: EMERGENCY CONTACT NUMBER 361-289-0300 ERG#171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	19	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
K MURRAY	K Murray	11	19	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Teco a/c 36,140 lbs

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
ERNEST GARZA	Ernest Garza	11	19	01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

WCF-2515

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 02340051	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340051
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000020738
	C. State Transporter's ID 85869
	D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD059153740
	G. State Facility's ID 50052
	H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. ~~NON-HAZARDOUS, NON-REGULATED~~ BP	~~001~~ BP	~~DM~~ DM		~~P~~ P	~~00333981~~ BP
X	b. HAZARDOUS WASTE, SOLID, NOS, CLASS 9, NA3077, PGIII (D006, D008)	001	CM	34770	P	0015319H
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above

~~BP NII CONCRETE & DEBRIS~~
~~TECO W/S# 09-004-3647~~
CONTAMINATED SOILS & CONCRETE
TECO WT.

K. Handling Codes for Wastes Listed Above

M111 / M132

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	1 1 2401

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: MARIO RENDON	Signature: Mario Rendon	Month Day Year: 1 1 2 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. (RH)

Printed/Typed Name	Signature	Date: Month Day Year
~~ENCYCLE/TEXAS INC~~ Ernest Cox	Ernest Cox	1 1 2 101

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TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

use #2511

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD098117186	Manifest Document No. 40052	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340052
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000029728
	C. State Transporter's ID 85869
	D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD069452340
	G. State Facility's ID 50052
	H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
	a. ~~NON-HAZARDOUS, NON-REGULATED~~ BP	~~001~~ BP	~~DT~~		~~P~~	~~00333901~~ BP
X	b. HAZARDOUS WASTE SOLID, NOS, CLASS 9, NA3077 (D006, D008)	001	CM	26420	P	0015319 H
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
~~NII CONCRETE & DEBRIS~~
~~TECO W/S# 09-004-3647~~ BP
CONTAMINATED SOIL & CONCRETE
TECO WT.
09.004.5847

K. Handling Codes for Wastes Listed Above
M 111 / M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 12 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Ray Baza	Signature	Month Day Year: 11 20 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

		Date
Printed/Typed Name: Ernest Garza	Signature	Month Day Year: 11 21 01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

WO# 2175

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD093117186	Manifest Document No. 02340055	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340055
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000029728
	C. State Transporter's ID 85869
	D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD069152340
	G. State Facility's ID 50052
	H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. ~~NON-HAZARDOUS, NON-REGULATED~~ BP	~~001~~ BP	~~DT~~		P	~~00333901~~ BP
	b. ~~HAZARDOUS~~ WASTE SOLID, NOS, 9, NA3077 PGIII (D006, D008)	001	CM	37015	P	00153191
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
BP ~~NH CONCRETE & DEBRIS~~ CONT. SOIL & CONCRETE
~~TECO W/S# 09-004-3647~~ TECO WT. 38510 P & 11/21/01
TECO W/S 09-004-5847

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 12 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: MARIO RENDON	Signature: Mario Rendon	Month Day Year: 11 12 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
ERNEST CANO	Ernest Cano	11 12 01

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TEXAS NATURAL RESOURCE
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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117136	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340071
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000029723
	C. State Transporter's ID 85869
	D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD052452340
	G. State Facility's ID 50052
	H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	33840	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 35,160 LBS 4/19/01

K. Handling Codes for Wastes Listed Above: M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	04	19	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: K.M. CHAVERA	Signature: K M Chavera	Month 04 Day 19 Year 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
Jim Mack		04	19	01

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TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

No. 70235

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Form approved, OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD093117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE 4. Generator's Phone (361) 289-0300	02340072 B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000029728
7. Transporter 2 Company Name	8. US EPA ID Number
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD069452340

C. State Transporter's ID	85869
D. Transporter's Phone	(361) 387-7747
E. State Transporter's ID	
F. Transporter's Phone	
G. State Facility's ID	50052
H. Facility's Phone	(361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII, D006, D008	001	DT	38980	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.**

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR	Printed/Typed Name: BETH PAYNE	Signature: Beth Payne	Month 11 Day 19 Year 01
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		Date
	Printed/Typed Name: JAIME GARZA	Signature: Jaime Garza	Month 11 Day 19 Year 01
	18. Transporter 2 Acknowledgement of Receipt of Materials		Date
	Printed/Typed Name	Signature	Month Day Year
FACILITY	19. Discrepancy Indication Space		
	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Date
	Printed/Typed Name: ERNEST GARZA	Signature: Ernest Garza	Month 11 Day 19 Year 01

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TEXAS NATURAL RESOURCE
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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
TXD003117186			

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	A. State Manifest Document Number: 02340073
4. Generator's Phone (361) 289-0300	B. State Generator's ID: 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES 6. US EPA ID Number: TXR000029738	C. State Transporter's ID: 85869 D. Transporter's Phone: (361) 387-7747
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380 10. US EPA ID Number: TXD069452340	G. State Facility's ID: 50052 H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	39380	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.**

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG#171

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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	14	01

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Ramiro Rodriguez		11	19	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
Ernest Garza		11	19	01

GENERATOR | TRANSPORTER | FACILITY

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

wc 7702955

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD093117136	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	A. State Manifest Document Number 02340074
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES 6. US EPA ID Number: TXR000029738	C. State Transporter's ID 85869 D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380 10. US EPA ID Number: TXD069452340	G. State Facility's ID 50052 H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	40300	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 40440P 8 11/19/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	19	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Enrique Sierra	Enrique Sierra	11	19	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ernest Cano	Ernest Cano	11	19	01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD093117136	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340075
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000020728 / C. State Transporter's ID 85869 / D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number / E. State Transporter's ID / F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD062452310 / G. State Facility's ID 50052 / H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	40060	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above	K. Handling Codes for Wastes Listed Above
METAL CONT. SOIL & CONCRETE TECO W/S# 09-004-5847 TECO WT. 39,580 lb 11/14/01	M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG# 171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 14 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: RILL CHAVERA	Signature	Month Day Year: 11 19 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
ERNEST COSTA	Ernest Costa	11 19 01

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
TXD008117186			

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340076
4. Generator's Phone (361) 289-0300	B. State Generator's ID: 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000020728
	C. State Transporter's ID: 85869
	D. Transporter's Phone: (361) 387-7747
7. Transporter 2 Company Name: –	8. US EPA ID Number:
	E. State Transporter's ID:
	F. Transporter's Phone:
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD069452340
	G. State Facility's ID: 50052
	H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008	001	DT	29120	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 28,960P & 11/14/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 12 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Roy Garza	Signature	Month Day Year: 11 14 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
ERNEST GARZA	Ernest Garza	11 14 01

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117136	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	A. State Manifest Document Number: 02340077
	B. State Generator's ID: 30003
4. Generator's Phone: (361) 289-0300	
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES 6. US EPA ID Number: TXR000029728	C. State Transporter's ID: 85869 D. Transporter's Phone: (361) 387-7747
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380 10. US EPA ID Number: TXD069423240	G. State Facility's ID: 50052 H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, ~~D008~~	001	DT	21,940	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 21,460 lbs 11/14/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

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GENERATOR

Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 11 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Abel Vela	Signature: Abel Vela	Month Day Year: 11 14 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Ernest Garza	Ernest Garza	11 14 01

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
TXD003117136			

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	A. State Manifest Document Number: 02340078 B. State Generator's ID: 30003
4. Generator's Phone (361) 289-0300	C. State Transporter's ID: 85869
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES 6. US EPA ID Number: TXR000029728	D. Transporter's Phone: (361) 387-7747
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380 10. US EPA ID Number: TXD069452340	G. State Facility's ID: 50052 H. Facility's Phone: (361) 387-3518

11.A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008_	001	DT	2360	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 23.460P 8 11/4/97

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 1 201

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month Day Year
MARIO RENCÓN	Mario Rendon	11 14 01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Ernest Garza	Ernest Garza	11 14 01

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TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

WO# 2452

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Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD093117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340079
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000029728 — C. State Transporter's ID 85869 — D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number — E. State Transporter's ID — F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD069415234 — G. State Facility's ID 50052 — H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS. 9, NA3077, PGIII (D006, D008)	001	DT	35,670	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 34,040 lbs 11/14/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 14 01

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month Day Year
R M CHAVEZ	R M Chavez	11 14 01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Ernest Gares	Ernest Gares	11 14 01

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TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

Lot 3456

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD003117136	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	A. State Manifest Document Number: 02340080
4. Generator's Phone (361) 289-0300	B. State Generator's ID: 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000029728 / C. State Transporter's ID: 85869 / D. Transporter's Phone: (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number / E. State Transporter's ID / F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD069452340 / G. State Facility's ID: 50052 / H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	48,000	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 47,820# 8/11/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG#171

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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 12 01

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Enrique Ybarra	Enrique Ybarra	11 14 01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year
Ernest Garza	Ernest Garza	11 14 01

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117136	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340081
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000020728 — C. State Transporter's ID 85869 — D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number — E. State Transporter's ID — F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD988152348 — G. State Facility's ID 50052 — H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	40,460	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 40,460 LB 11/14/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 11 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Ramiro Rodriguez	Signature	Month Day Year: 11 14 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

		Date
Printed/Typed Name: Ernest Cantu	Signature	Month Day Year: 11 14 01

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TEXAS NATURAL RESOURCE
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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC.
P.O. BOX 4767
CORPUS CHRISTI, TX 78407
ATTN: BETH PAYNE

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02340082

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029723
C. State Transporter's ID: 85869
D. Transporter's Phone: (361) 387-7747

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: (361) 387-3518

11A HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008	001	DT	45880	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 45,880# 8/11/99

K. Handling Codes for Wastes Listed Above: M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	12	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Jaime Garza	Jaime Garza	11	14	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
Ernest Garza	Ernest Garza	11	14	01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD003117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02340083
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000020728 — C. State Transporter's ID 85869 — D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number — E. State Transporter's ID — F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD052153340 — G. State Facility's ID 50052 — H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008_	001	DT	40720	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 45,820 P 11/14/00

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT (361) 289-0300 ERG #171

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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 12 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Ernest Garza	Signature	Month Day Year: 11 14 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Ernest Garza	Ernest Garza	11 14 01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: TXD008117186 | Manifest Document No. | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC.
P.O. BOX 4767
CORPUS CHRISTI, TX 78407
ATTN: BETH PAYNE

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340084

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: (361) 387-7747

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008	001	DT	40,740	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 TECO WT. 40,520 LBS 11/14/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

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Printed/Typed Name: BETH PAYNE | Signature: B Payne | Month Day Year: 11 14 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: K III CHAVERA | Signature: K III Chavera | Date: Month Day Year: 11 14 01

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Date: Month Day Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: ERNEST GARZA | Signature: Ernest Garza | Date: Month Day Year: 11 14 01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 | Manifest Document No. | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
P.O. BOX 4767
CORPUS CHRISTI, TX 78407
ATTN: BETH PAYNE

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02340086

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: (361) 387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD062012343

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	35660	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 35,700# @ 11/18/01

K. Handling Codes for Wastes Listed Above: M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name: BETH PAYNE | Signature: Beth Payne | Month Day Year: 11 14 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jaime CARZA | Signature: Jaime Garza | Date: 11 11 01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Date: 11 19 01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	A. State Manifest Document Number: 02340087
	B. State Generator's ID: 30003
4. Generator's Phone (361) 289-0300	
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000020723
	C. State Transporter's ID: 85869
	D. Transporter's Phone: (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD052152340
	G. State Facility's ID: 50052
	H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	43640	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 43,780P 8 11/14/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	14	01

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ramiro Rodriguez		11	14	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		11	19	01

FACILITY

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

In AFC 2455

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD098117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC.
P.O. BOX 4767
CORPUS CHRISTI, TX 78407
ATTN: BETH PAYNE

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02340088

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: (361) 387-7747

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	42300	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 42260 lb.

K. Handling Codes for Wastes Listed Above: M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG#171

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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	19	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jaime GARZA	Jaime Garza	11	19	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ernest Garza	Ernest Garza	11	19	01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
TXD008117186			

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
P.O. BOX 4767
CORPUS CHRISTI, TX 78407
ATTN: BETH PAYNE

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02340089

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000022723
C. State Transporter's ID: 85869
D. Transporter's Phone: (361) 387-7747

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD052152213
G. State Facility's ID: 50052
H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	37900	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 **TECO WT.** 38,020 lbs

K. Handling Codes for Wastes Listed Above: M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 19 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Ramiro Rodriguez	Signature	Month Day Year: 11 19 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Ernest Cortez	Ernest Cortez	11 19 01

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TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD0081171815	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469
4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340090
B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 MILES S. PETRONILA RD, ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9 NA 3077, PG III (D006, D008)	001	CM	33310	P	0015319 H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONTAMINATED SOIL & CONCRETE
TECO W/S # 09.004.5847

K. Handling Codes for Wastes Listed Above: M111/M132

15. Special Handling Instructions and Additional Information: EMERGENCY # 361-289-0300 ERG # 171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	20	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Ray Garza	Ray Garza	11	21	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Tons: 33410 LB 11/21/01

Printed/Typed Name	Signature	Date: Month	Day	Year
ERNEST GARZA	Ernest Garza	11	21	01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 4052	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340091

B. State Generator's ID: 30003

5. Transporter 1 Company Name: RESOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 MILES SOUTH ON PETRONILA RD, ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9 NA 3077, PG III (D006, D008)	001	CM	23140	P	0015319 H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONTAMINATED SOIL & CONCRETE
TECO W/S # 09.004.5847 Teco at = 23,640 lbs

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: EMERGENCY # 361-289-0300

Box 20-009

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	26	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Abel Vela	Abel Vela	11	26	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
ERNEST GARZA	Ernest Garza	11	26	01

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TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

lot 02524

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 95542	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469

4. Generator's Phone: 361 289-0300

A. State Manifest Document Number: 02340092

B. State Generator's ID: 80003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 MILES SOUTH ON PETRONILA RD, ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069453340

G. State Facility's ID: 50052

H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9, NA 3077, PG III (D006, D008)	001	CM	24160	P	0015319 H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONTAMINATED SOIL & CONCRETE
TECO W/S # 09-004-5847 Tecoate 24,160 lbs

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: EMERGENCY # 361-289-0300
Box EE 2012

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	26	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MARIO RENDON	Mario Rendon	11	26	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ernest Gray	Ernest Gray	11	26	01

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CONSERVATION COMMISSION
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NOT 2052

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD066817186 Manifest Document No. 02340093	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address: ECYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469
4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340093
B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGIST, INC, 3.5 MILES S PETRONILA ROAD, ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9 NA3077, PG III (D006, D008)	001	CM	21060	P	0015319 H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONTAMINATED SOIL & CONCRETE
TECO W/S # 09-004-5847
Teco wt = 21,260 lbs

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: EMERGENCY # 361-289-0300 ERG # 171
Rollaff # 25013

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	26	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Abel Vela	Abel Vela	11	26	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ernest Eads	Ernest Eads	11	26	01

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 2529	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE / TEXAS, INC
P.O. BOX 4767
CORPUS CHRISTI, TX 78469

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02340094

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000002928
C. State Transporter's ID: 85819
D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC
3.5 MILES S PETRONILA ROAD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9, NA3077, PG III (D006, D008)	001	CM	31480	P	0015319 H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
CONTAMINATED SOIL & CONCRETE
TECO W/S # 09-004-5847 Tecoat = 31,300 lbs

K. Handling Codes for Wastes Listed Above
M111 / M132

15. Special Handling Instructions and Additional Information
EMERGENCY # 361-289-0300 ERG # 171
Rolloff # 274450

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	29	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MARIO RENDON	Mario Rendon	11	26	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
Ernest Garza	Ernest Garza	11	29	01

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TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD005111786 Manifest Document No. 95515	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, P.O. BOX 4767, CORPUS CHRISTI, TX 78469
4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340095
B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC, 3.5 MILES S PETRONILA ROAD, ROBSTOWN, TEXAS 73380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: 361-387-3518

11A HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS, CLASS 9, NA 3077, PG III (D006, D008)	001	CM	30440	P	0015319 #
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above: CONTAMINATED SOIL & CONCRETE
TECO W/S # 09-004-5847 Tonnage = 29,960 lbs

K. Handling Codes for Wastes Listed Above: M111 / M132

15. Special Handling Instructions and Additional Information: EMERGENCY # 361-289-0300 ERG #171
Rollaff # 274427

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	26	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Abel Vela	Abel Vela	11	26	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ernest Cox	Ernest Cox	11	26	01

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TEXAS NATURAL RESOURCE
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WM 2529

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008171564	Manifest Document No. 99342	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC
P.O. BOX 4767
CORPUS CHRISTI, TX 78469

4. Generator's Phone: (361) 289-0300

A. State Manifest Document Number: 02340096

B. State Generator's ID: 30003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES
6. US EPA ID Number: TXR000029728
C. State Transporter's ID: 85869
D. Transporter's Phone: 361-387-7747

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC
3.5 MILES S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: 361-387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. HAZARDOUS WASTE SOLID, NOS. CLASS 9, NA3077, PG III (D006, D008)	001	CM	33910	P	0015319
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
CONTAMINATED SOIL & CONCRETE
TECO W/S # 09-004-5847 Teco tot = 32,880 lbs

K. Handling Codes for Wastes Listed Above
M111 / M132

15. Special Handling Instructions and Additional Information
EMERGENCY # 361-289-0300 ERG # 171
Rolloff # 274676

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	12	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Mario Duran	Mario Duran	11	26	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
Ernest Garza		11	26	01

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TEXAS NATURAL RESOURCE
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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. / Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
	TXD0C81171861 / 02542149		

GENERATOR

3. Generator's Name and Mailing Address
ENCYCLE / TEXAS, INC
P.O. BOX 4767
CORPUS CHRISTI, TX 78407

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 02542149

B. State Generator's ID: 3003

5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES

6. US EPA ID Number: TXR000029728

C. State Transporter's ID: 85869

D. Transporter's Phone: (361) 387-7747

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC.
3½ MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA 3077, PG III (D006, D008)	001	CM DT	4,120	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S #09-004-5847 TECO WT.

K. Handling Codes for Wastes Listed Above
M111 / M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT (361) 289-0300
ATTN: BETH PAYNE
ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month Day Year
Jill A Albert	Jill A. Albert	12 07 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month Day Year
Buster Pritchett	Buster Pritchett	12 07 01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
RECD WT. = 4040 P 12/7/01

Printed/Typed Name	Signature	Date: Month Day Year
Ernest Garza	Ernest Garza	12 07 01

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	02559901
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES	6. US EPA ID Number: TXR000020723
	C. State Transporter's ID 85869
	D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address: TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD SINTON, TEXAS 78380	10. US EPA ID Number: TXD988033840
	G. State Facility's ID 50052
	H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII, D006, D008	001	DT	42 Tons	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 TECO WT. 42,480P & 11/15/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR	Printed/Typed Name	Signature	Month Day Year
	BETH PAYNE	Beth Payne	11 15 01

TRANSPORTER			
	17. Transporter 1 Acknowledgement of Receipt of Materials		Date
	Printed/Typed Name: Ramiro Rodriguez	Signature	Month Day Year: 11 14 01
	18. Transporter 2 Acknowledgement of Receipt of Materials		Date
	Printed/Typed Name	Signature	Month Day Year

FACILITY	19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Ernest Garza	Ernest Garza	11 15 01

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Austin, Texas 78711-3087

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Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	A. State Manifest Document Number 02559902
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name ABSOLUTE INDUSTRIES	6. US EPA ID Number TXR000029738
	C. State Transporter's ID 85869
	D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number TXD069452340
	G. State Facility's ID 50052
	H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008	001	DT	38600	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 TECO WT. 34,840 LB 11/29/01

K. Handling Codes for Wastes Listed Above
M111/M132U

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT: (361) 289-0300 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	1	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year
Jamie Garza	Jamie Garza	11	1	01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
Ernest Garcia	Ernest Garcia	11	1	01

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
TXD088117196			

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE 4. Generator's Phone (361) 289-0300	A. State Manifest Document Number 02559903 B. State Generator's ID 30003
5. Transporter 1 Company Name: ABSOLUTE INDUSTRIES 6. US EPA ID Number: TXR000029728	C. State Transporter's ID 85869 D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380 10. US EPA ID Number: TXD049843230	G. State Facility's ID 50052 H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	43 840	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 TECO WT. 45,120P 8 11/15/01

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT (361) 289-0300 ERG #171

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 12 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Ramiro Rodriguez	Signature	Month Day Year: 11 15 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Sam Ybarra		11 15 01

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TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION
P.O. Box 13087
Austin, Texas 78711-3087

#2402

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD093117136	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. P.O. BOX 4767 CORPUS CHRISTI, TX 78407 ATTN: BETH PAYNE	A. State Manifest Document Number 02559904
4. Generator's Phone (361) 289-0300	B. State Generator's ID 30003
5. Transporter 1 Company Name ABSOLUTE INDUSTRIES	6. US EPA ID Number TXR000029728 C. State Transporter's ID 85869 D. Transporter's Phone (361) 387-7747
7. Transporter 2 Company Name	8. US EPA ID Number E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number TXD069452340 G. State Facility's ID 50052 H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, 9, NA3077, PGIII (D006, D008)	001	DT	38980	P	0015319H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
METAL CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 TECO WT ~~32,480~~ 38,980 P 11/15/01

K. Handling Codes for Wastes Listed Above
M[illegible]4132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGEN... CONTACT (361) 289-0300
ERS #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month Day Year
BETH PAYNE	Beth Payne	11 15 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Jaime Parra	Signature: Jaime Parra	Month Day Year: 11 15 01
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Tom Marks	[signature]	11 15 01

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address P.O. BOX 4750 CORPUS CHRISTI, TX 4. Generator's Phone ( ) 289-0300 ATTN: BETH PAYNE	A. State Manifest Document Number: 02559905 B. State Generator's ID: 30003
5. Transporter 1 Company Name 6. US EPA ID Number	C. State Transporter's ID: 85869 D. Transporter's Phone: (361) 387-1747
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC 3 1/2 MILE S. PETRONILA ROAD KINGSTOWN, TEXAS 78380 10. US EPA ID Number	G. State Facility's ID: 50032 H. Facility's Phone

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. HAZARDOUS WASTE SOLID, NOS, NA3077, PG III, RQ (D008)	001	DT	44.22	P	0015519H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
MISC. CONT. SOIL & CONCRETE
TECO W/S# 09-004-5847 TECO WT.

K. Handling Codes for Wastes Listed Above
M111/M132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT (361) 289-0300
ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
BETH PAYNE	Beth Payne	11	11	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name: Enrique Ybarra	Signature: Enrique Ybarra	Month: 11	Day: 11	Year: 01
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ernest Garza	Ernest Garza	11	19	01

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APPENDIX E

Appendix E

Monitor Well Top of Casing Survey Data

GOVIND
ENGINEERS & CONSULTANTS

TELEFAX TRANSMITTAL LETTER

DATE: 01/02/02 **PROJECT NO.:** 01301-500

PAGES SENT (INCLUDING COVER SHEET): 2

RECIPIENT: Ken Brandner

COMPANY: ARCADIS G&M

FAX NO.: 883-7565

ATTACHMENTS: Table of elevations on Encycle/Texas monitoring wells.

REMARKS: The attached list includes the recently completed MW-12.

IF THERE IS ANY PROBLEM WITH THE QUALITY OR QUANTITY OF THIS TRANSMISSION, PLEASE CALL: (361) 289-1385, AS SOON AS POSSIBLE.

cc: File

SIGNED

J. L. CHATHAM Chief of Surveys

P.O. Box 9094 Corpus Christi, Texas 78469 - Tel: 361 289 1385 - Fax: 361 289 0712 - Email: jchatham@govindengr.com

GOVIND
ENGINEERS & CONSULTANTS

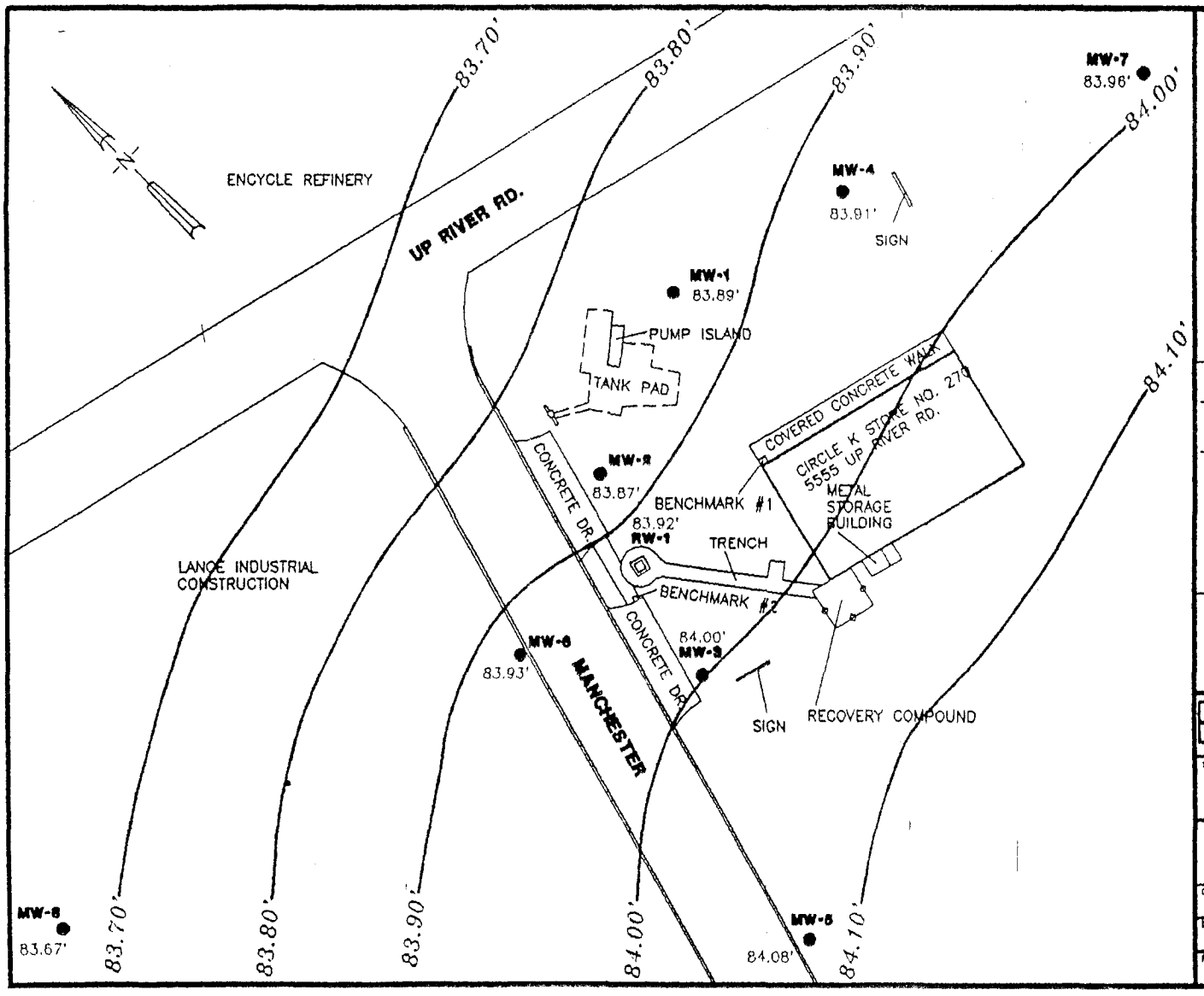
ENCYCLE MONITOR WELLS

WELL NO.	NGVD '29 ELEV.
MW-02	5.55
MW-03	9.95
MW-04	6.28
MW-05	8.81
MW-06	8.72
MW-07	26.95
MW-08	7.39
MW-09	4.44
MW-10	7.44
MW-11	25.98
MW-12	26.63
MW-13	27.47
MW-14	27.14
MW-15	22.71
MW-16	27.05
MW-17	26.87
MW-18	24.01
MW-19	23.63
MW-20	23.82
MW-21	23.58

APPENDIX F

Appendix F

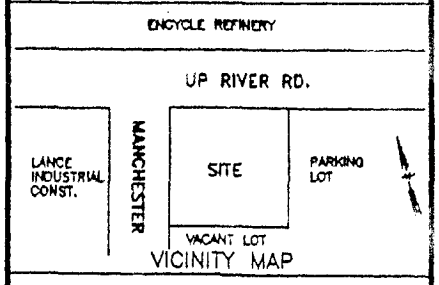
Groundwater Elevation Contour Map – Circle K/Up River



LEGEND

● MONITORING WELL

83.89' CORRECTED GRAUNDWATER ELEVATION RELATIVE TO A COMMON BENCHMARK IN FEET.



GROUNDWATER TECHNOLOGY, INC.

SITE NAME/LOCATION:
CIRCLE K/UP RIVER
CORPUS CHRISTI, TEXAS

TITLE:
CORRECTED GROUNDWATER ELEVATION CONTOUR MAP "STATIC CONDITIONS"

CLIENT: CIRCLE K	SAMPLE DATE: 10-1-92
DATE: 11-23-92	PROJECT NO: 050410336
FILE: 0336GW11	DRAWN BY: J.S.STRONG

APPENDIX G

Appendix G

Aquifer Test Data

Aquifer Test Data - Monitor Well MW-7 Aquifer Test Conducted July 24, 2000

WELL: MW-7 (PUMPING WELL)
DATE: 7/24/2000
S.W.L.: 21.16 feet (before pumping)

TIME	Cumulative Time (t) Since Start of Pumping (minutes)	Depth to Water (feet)	Drawdown (feet)	REMARKS
800	---	21.16	---	Static water level (SWL).
Pumping Phase				
810	0	21.16	0	Start Pump @ 2 gallons per minute (gpm).
812	2	22.45	1.29	Maintain flow rate (Q) at 2 gpm during 6-hour
813	3	22.68	1.52	pumping phase.
814	4	22.85	1.69	
815	5	23.02	1.86	
816	6	23.05	1.89	
817	7	23.11	1.95	
818	8	23.13	1.97	
819	9	23.17	2.01	
820	10	23.18	2.02	
821	11	23.19	2.03	
822	12	23.19	2.03	
823	13	23.25	2.09	
824	14	23.28	2.12	
825	15	23.29	2.13	
830	20	23.73	2.57	
835	25	23.55	2.39	
840	30	23.59	2.43	
845	35	23.65	2.49	
850	40	23.71	2.55	
855	45	23.82	2.66	
900	50	23.62	2.46	
905	55	23.66	2.50	
910	60	23.64	2.48	
915	65	23.95	2.79	
925	75	24.04	2.88	
940	90	24.13	2.97	
955	105	24.22	3.06	
1010	120	24.29	3.13	
1027	137	24.31	3.15	
1040	150	24.35	3.19	
1055	165	24.40	3.24	
1110	180	24.44	3.28	
1140	210	24.54	3.38	
1210	240	24.58	3.42	
1240	270	24.63	3.47	
1310	300	24.71	3.55	
1340	330	24.75	3.59	
1410	360	24.82	3.66	Q = 2.0 gpm; end pumping phase.

Aquifer Test Data - Monitor Well MW-7 Aquifer Test Conducted July 24, 2000

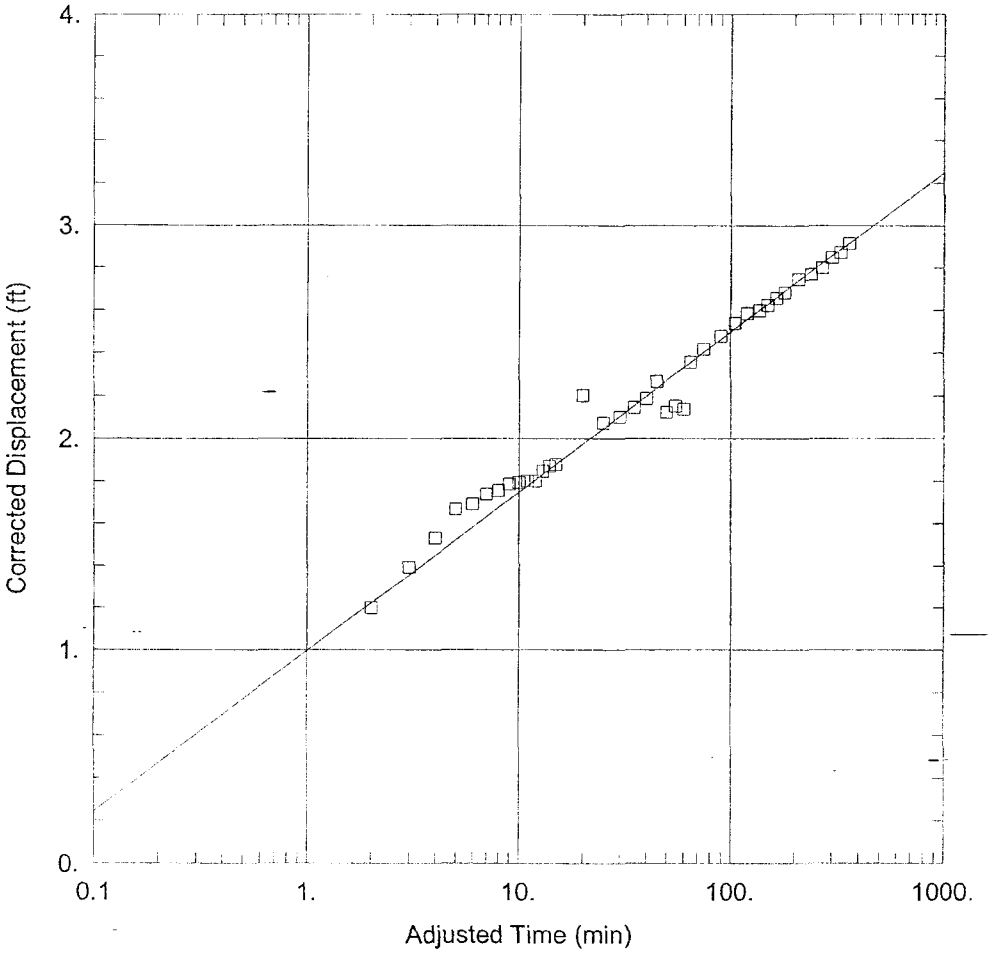
WELL: MW-7 (PUMPING WELL)
DATE: 7/24/2000
S.W.L.: 21.16 feet (before pumping)

TIME	Cumulative Time (t) Since Start of Pumping (minutes)	Depth to Water (feet)	Drawdown (feet)	REMARKS
Recovery Phase				
1410	360	24.82	3.66	Turn pump off - begin 6-hour recovery phase.
1410.5	360.5	23.89	2.73	
1411	361	23.20	2.04	
1411.5	361.5	22.64	1.48	
1412	362	22.33	1.17	
1412.5	362.5	22.05	0.89	
1413	363	21.82	0.66	
1413.5	363.5	21.69	0.53	
1414	364	21.64	0.48	
1415	365	21.48	0.32	
1416	366	21.38	0.22	
1417	367	21.34	0.18	
1418	368	21.31	0.15	
1419	369	21.29	0.13	
1420	370	21.28	0.12	
1422	372	21.26	0.10	
1424	374	21.25	0.09	
1426	376	21.23	0.07	
1428	378	21.23	0.07	
1430	380	21.23	0.07	
1435	385	21.23	0.07	
1440	390	21.23	0.07	
1445	395	21.23	0.07	
1450	400	21.22	0.06	
1455	405	21.22	0.06	
1500	410	21.21	0.05	
1505	415	21.20	0.04	
1510	420	21.19	0.03	
1520	430	21.18	0.02	
1530	440	21.17	0.01	
1540	450	21.17	0.01	
1550	460	21.17	0.01	
1600	470	21.17	0.01	
1610	480	21.17	0.01	
1625	495	21.17	0.01	
1640	510	21.16	0	
1655	525	21.15	-0.01	
1710	540	21.15	-0.01	
1725	555	21.16	0	
1740	570	21.16	0	
1755	585	21.17	0.01	
1810	600	21.17	0.01	
1825	615	21.17	0.01	

Aquifer Test Data - Monitor Well MW-7 Aquifer Test Conducted July 24, 2000

WELL: MW-7 (PUMPING WELL)
DATE: 7/24/2000
S.W.L.: 21.16 feet (before pumping)

TIME	Cumulative Time (t) Since Start of Pumping (minutes)	Depth to Water (feet)	Drawdown (feet)	REMARKS
1840	630	21.17	0.01	
1855	645	21.17	0.01	
1910	660	21.16	0	
1925	675	21.16	0	
1940	690	21.16	0	
1955	705	21.17	0.01	
2010	720	21.17	0.01	End recovery phase.



MW-7 AQUIFER TEST - DRAWDOWN - ENCYCLE RFI

Data Set: G:\Active Projects\Encycle\642.0001\Pumping Tests\MW-7 DD.aqt
Date: 05/16/02 Time: 10:43:15

PROJECT INFORMATION

Company: ARCADIS G & M
Client: Encycle
Project: CC000642.0001
Test Location: Corpus Christi, TX
Test Well: MW-7
Test Date: 7-24-00

AQUIFER DATA

Saturated Thickness: 9. ft Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-7	0	0

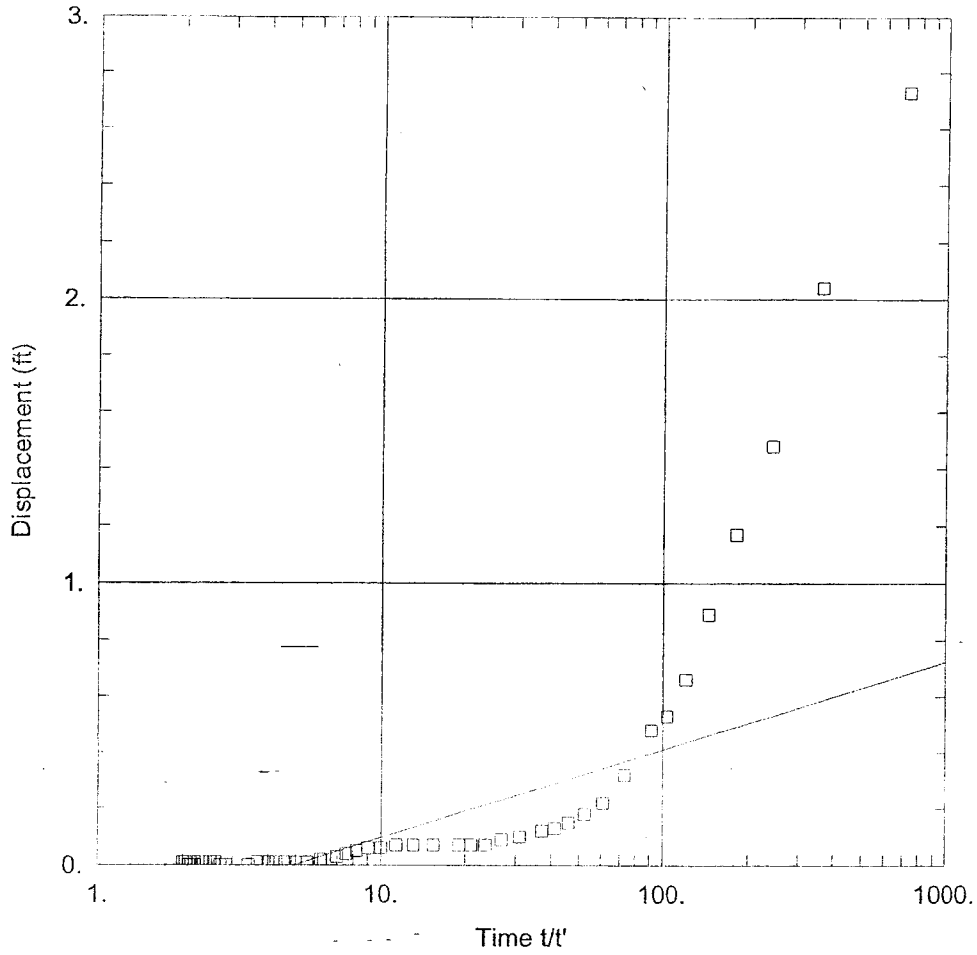
Observation Wells

Well Name	X (ft)	Y (ft)
□ MW-7	0	0.46

SOLUTION

Aquifer Model: Unconfined Solution Method: Cooper-Jacob

T = 702. gal/day/ft



MW-7 AQUIFER TEST - RECOVERY - ENCYCLE RFI

Data Set: G:\Active Projects\Encycle\642.0001\Pumping Tests\MW-7 REC.aqt
Date: 05/16/02 Time: 11:23:40

PROJECT INFORMATION

Company: ARCADIS G & M
Client: Encycle
Project: CC000642.0001
Test Location: Corpus Christi, TX
Test Well: MW-7
Test Date: 7-24-00

AQUIFER DATA

Saturated Thickness: 9. ft Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-7	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
□ MW-7	0	0.46

SOLUTION

Solution Method: Theis (Recovery)

T = 1681.9 gal/day/ft

Aquifer Test Data - Monitor Well MW-6 Aquifer Test Conducted July 26, 2000

WELL: MW-6 (PUMPING WELL) OBS WELL: MW-4 (Tidal fluctuation monitoring)
DATE: 7/26/00
S.W.L. 7.64 feet (before pumping)

Time	Cumulative Time (t) Since Start of Pumping (minutes)	Depth to Water (feet)	Tidal Effect Correction (feet)[a]	Corrected Depth to Water (feet)[b]	Corrected Drawdown (feet)	Remarks
800	---	7.64	---	---	---	Static water level (SWL).
Pumping Phase						
815	0	7.64	0	7.64	0	Start pump @ 0.25 gpm.
816	1	8.39	0	8.39	0.75	Maintain flow rate at 0.25 gpm
817	2	8.58	0	8.58	0.94	during 6-hour pumping
818	3	8.62	0	8.62	0.98	phase.
819	4	8.77	0	8.77	1.13	
820	5	8.84	0	8.84	1.20	
821.5	6.5	8.86	0	8.86	1.22	
822	7	8.92	0	8.92	1.28	
823	8	9.00	0	9.00	1.36	
824	9	9.02	0	9.02	1.38	
825	10	9.09	0	9.09	1.45	
827	12	9.20	+0.01	9.21	1.57	
829	14	9.28	+0.01	9.29	1.65	
831	16	9.32	+0.01	9.33	1.69	
833	18	9.38	+0.01	9.39	1.75	
835	20	9.48	+0.01	9.49	1.85	
837	22	9.50	+0.01	9.51	1.87	
839	24	9.55	+0.01	9.56	1.92	
841	26	9.62	+0.01	9.63	1.99	
843	28	9.66	+0.01	9.67	2.03	
845	30	9.72	+0.01	9.73	2.09	
850	35	9.78	+0.01	9.79	2.15	
855	40	9.86	+0.01	9.87	2.23	
900	45	9.95	+0.02	9.97	2.33	
905	50	9.98	+0.02	10.00	2.36	
915	60	10.07	+0.02	10.09	2.45	
925	70	10.38	+0.03	10.41	2.77	
935	80	10.50	+0.03	10.53	2.89	
945	90	10.72	+0.04	10.76	3.12	
955	100	10.91	+0.04	10.95	3.31	
1005	110	11.13	+0.03	11.16	3.52	
1015	120	11.34	+0.03	11.37	3.73	
1030	135	11.46	+0.03	11.49	3.85	
1045	150	11.56	+0.03	11.59	3.95	
1100	165	11.62	+0.04	11.66	4.02	
1115	180	11.68	+0.05	11.73	4.09	
1145	210	11.96	+0.07	12.03	4.39	
1230	255	11.66	+0.09	11.75	4.11	
1300	285	11.96	+0.12	12.08	4.44	
1330	315	12.53	+0.14	12.67	5.03	

Aquifer Test Data - Monitor Well MW-6 Aquifer Test Conducted July 26, 2000

WELL: MW-6 (PUMPING WELL) OBS WELL: MW-4 (Tidal fluctuation monitoring)
DATE: 7/26/00
S.W.L. 7.64 feet (before pumping)

Time	Cumulative Time (t) Since Start of Pumping (minutes)	Depth to Water (feet)	Tidal Effect Correction (feet)[a]	Corrected Depth to Water (feet)[b]	Corrected Drawdown (feet)	Remarks
1400	345	12.83	+0.14	12.97	5.33	
1415	360	12.88	+0.14	13.02	5.38	Q=0.25 gpm; end pumping phase.
Recovery Phase						
1415	360	12.88	+0.14	13.02	5.38	Turn pump off; begin 6-hour recovery phase.
1415.5	360.5	12.65	+0.14	12.79	5.15	
1416	361	12.58	+0.14	12.72	5.08	
1416.5	361.5	12.51	+0.14	12.65	5.01	
1417	362	12.48	+0.14	12.62	4.98	
1417.5	362.5	12.37	+0.14	12.51	4.87	
1418	363	12.33	+0.14	12.47	4.83	
1418.5	363.5	12.28	+0.14	12.42	4.78	
1419	364	12.21	+0.14	12.35	4.71	
1419.5	364.5	12.13	+0.14	12.27	4.63	
1420	365	12.03	+0.14	12.17	4.53	
1421	366	11.92	+0.14	12.06	4.42	
1422	367	11.85	+0.14	11.99	4.35	
1423	368	11.77	+0.14	11.91	4.27	
1424	369	11.62	+0.14	11.76	4.12	
1425	370	11.52	+0.14	11.66	4.02	
1427	372	11.42	+0.14	11.56	3.92	
1429	374	11.32	+0.14	11.46	3.82	
1431	376	11.22	+0.14	11.36	3.72	
1433	378	11.08	+0.14	11.22	3.58	
1435	380	10.95	+0.14	11.09	3.45	
1440	385	10.69	+0.14	10.83	3.19	
1445	390	10.45	+0.14	10.59	2.95	
1450	395	10.30	+0.14	10.44	2.80	
1455	400	10.13	+0.14	10.27	2.63	
1500	405	9.92	+0.14	10.06	2.42	
1505	410	9.73	+0.14	9.87	2.23	
1510	415	9.63	+0.14	9.77	2.13	
1515	420	9.55	+0.14	9.69	2.05	
1530	435	9.34	+0.14	9.48	1.84	
1545	450	9.15	+0.13	9.28	1.64	
1600	465	8.92	+0.13	9.05	1.41	
1615	480	8.84	+0.13	8.97	1.33	
1630	495	8.68	+0.12	8.80	1.16	
1645	510	8.65	+0.11	8.76	1.12	
1700	525	8.56	+0.1	8.66	1.02	
1715	540	8.52	+0.1	8.62	0.98	
1745	570	8.46	+0.1	8.56	0.92	

Aquifer Test Data - Monitor Well MW-6 Aquifer Test Conducted July 26, 2000

WELL: MW-6 (PUMPING WELL) OBS WELL: MW-4 (Tidal fluctuation monitoring)
DATE: 7/26/00
S.W.L. 7.64 feet (before pumping)

Time	Cumulative Time (t) Since Start of Pumping (minutes)	Depth to Water (feet)	Tidal Effect Correction (feet)[a]	Corrected Depth to Water (feet)[b]	Corrected Drawdown (feet)	Remarks
1815	600	8.38	+0.09	8.47	0.83	
1845	630	8.32	+0.07	8.39	0.75	
1915	660	8.31	+0.06	8.37	0.73	
1945	690	8.29	+0.03	8.32	0.68	
2015	720	8.27	-0.01	8.26	0.62	End of test.

LEGEND

gpm Gallons per minute
Q Groundwater flow rate
a As detailed in the approved RFI Work Plan, monitor well MW-6 is located within 25 feet of the Gorpus Christi Ship Channel. Water levels in the MW-6 well bore are therefore subject to tidal influences. Observation well MW-4, completed in the same shallow water-bearing unit as monitor well MW-6, was used as an observation well to determine tidal influences during the MW-6 aquifer test. Monitor well MW-4 is located over 1,000 feet from monitor well MW-6 and is beyond the radius of influence created in the uppermost water-bearing unit by pumping of monitor well MW-6.
b Depth to water in pumping well MW-6 corrected for tidal influence by adding the rise in water level in observation well MW-4 during the pumping test.

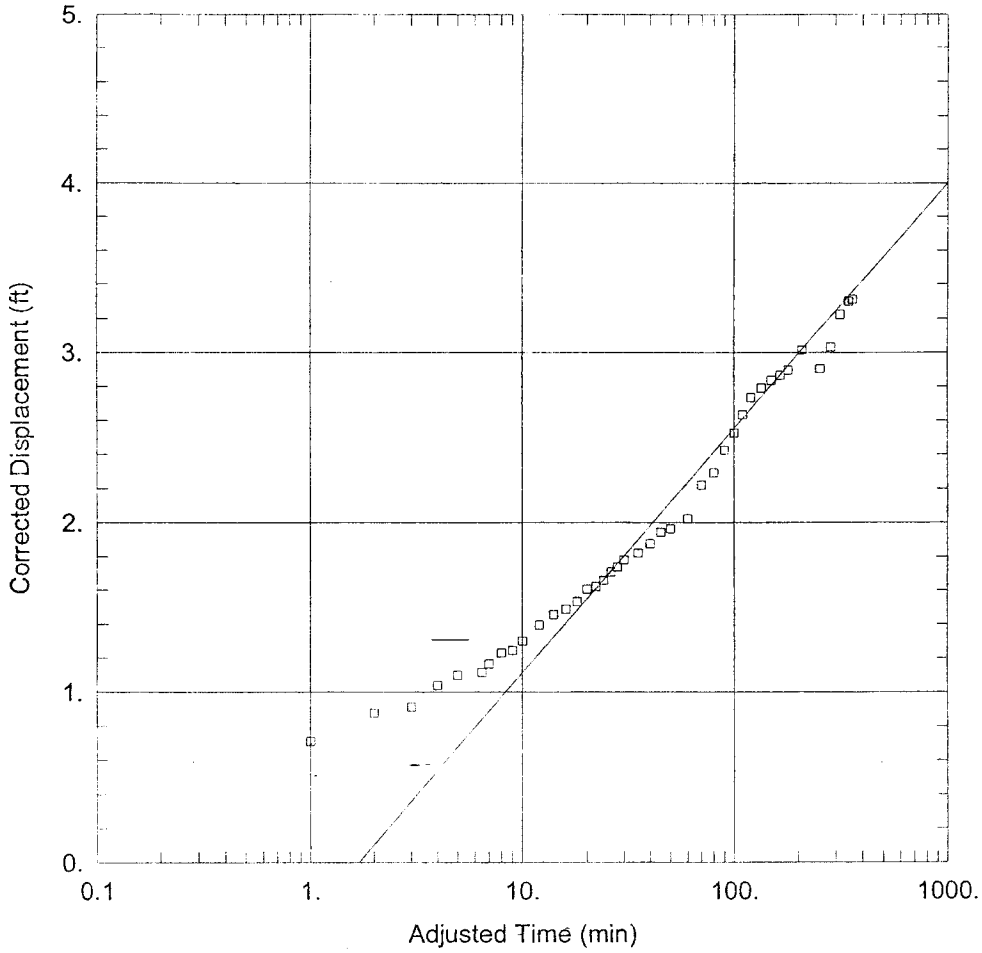
Aquifer Test Data - Observation Well MW-4 Water Level Data during Aquifer Test Conducted July 26, 2000

WELL: MW-4 (Observation Well during MW-6 Aquifer Test for Tidal Fluctuation Monitoring)
DATE: 7/26/00
S.W.L. 5.16 feet (before start of pumping test)

TIME	Cumulative Time (t) Since Start of Pumping (minutes)	Depth to Water (feet)	Tidal Effect Correction (feet)[a]	REMARKS
759	---	5.16	---	Static water level (SWL).
Pumping Phase				
815	0	5.16	0	Start MW-6 pumping test.
839	24	5.15	+0.01	
939	84	5.12	+0.04	
1015	120	5.13	+0.03	
1045	150	5.13	+0.03	
1127	192	5.09	+0.07	
1210	235	5.09	+0.07	
1300	285	5.04	+0.12	
1335	320	5.02	+0.14	
1400	345	5.02	+0.14	
1415	360	5.02	+0.14	End MW-6 pumping phase. Begin 6-hour recovery phase.
Recovery Phase				
1535	440	5.03	+0.13	
1617	482	5.03	+0.13	
1658	523	5.06	+0.1	
1738	563	5.06	+0.1	
1830	615	5.08	+0.08	
1858	643	5.10	+0.06	
1930	675	5.11	+0.05	
2000	705	5.17	-0.01	
2015	720	5.17	-0.01	End of test.

LEGEND

gpm Gallons per minute
Q Groundwater flow rate
a As detailed in the approved RFI Work Plan, monitor well MW-6 is located within 25 feet of the Corpus Christi Ship Channel. Water levels in the MW-6 well bore are therefore subject to tidal influences. Observation well MW-4, completed in the same shallow water-bearing unit as monitor well MW-6, was used as an observation well to determine tidal influences during the MW-6 aquifer test. Monitor well MW-4 is located over 1,000 feet from monitor well MW-6 and is beyond the radius of influence created in the uppermost water-bearing unit by pumping of monitor well MW-6.



MW-6 AQUIFER TEST - DRAWDOWN - ENCYCLE RFI

Data Set: G:\Active Projects\Encycle\642.0001\Pumping Tests\MW-6 DD.aqt
Date: 05/16/02 Time: 10:06:30

PROJECT INFORMATION

Company: ARCADIS G & M
Client: Encycle
Project: CC000642.0001
Test Location: Corpus Christi, TX
Test Well: MW-6
Test Date: 7-26-00

AQUIFER DATA

Saturated Thickness: 7. ft Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-6	0	0

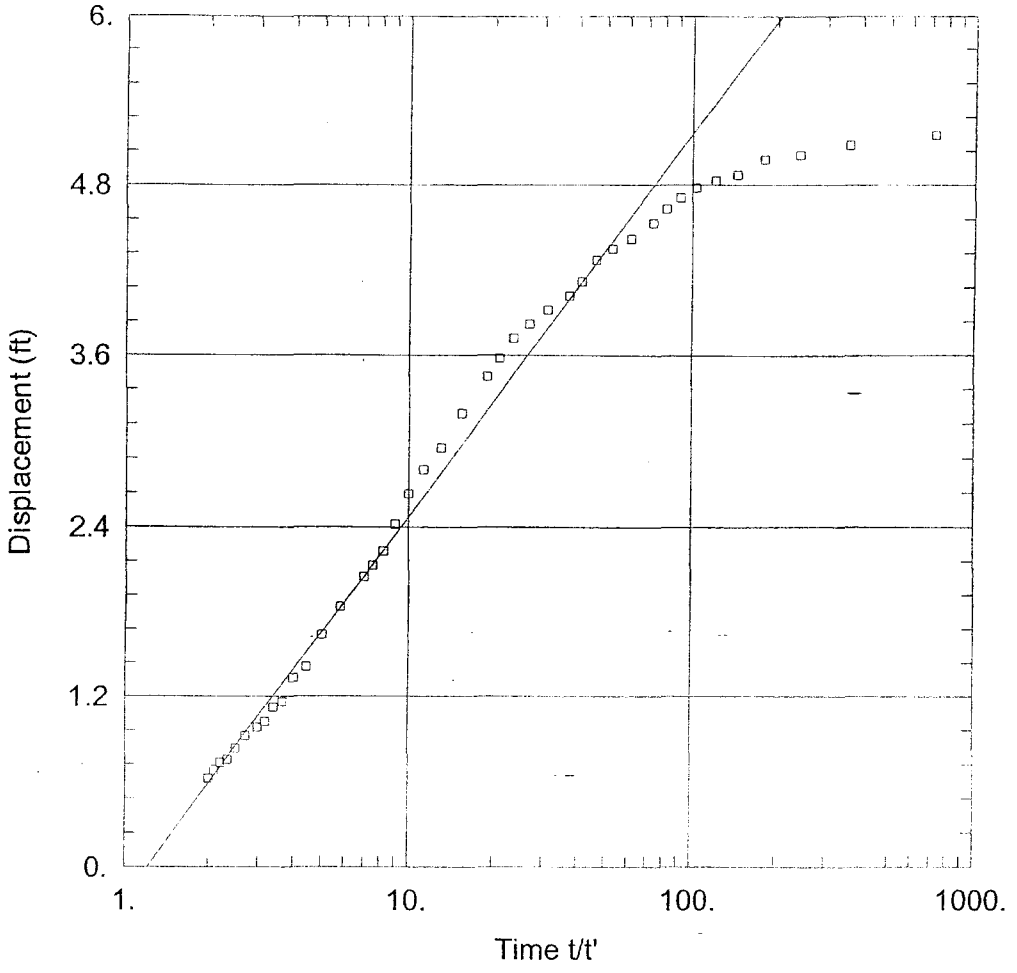
Observation Wells

Well Name	X (ft)	Y (ft)
MW-6	0	0.46

SOLUTION

Aquifer Model: Unconfined Solution Method: Cooper-Jacob

T = 45.7 gal/day/ft



MW-6 PUMPING TEST - RECOVERY - ENCYCLE RFI

Data Set: G:\Active Projects\Encycle\642.0001\Pumping Tests\MW-6 REC.aqt
Date: 05/16/02 Time: 10:04:07

PROJECT INFORMATION

Company: ARCADIS G & M
Client: Encycle
Project: CC000642.0001
Test Location: Corpus Christi, TX
Test Well: MW-6
Test Date: 7-26-00

AQUIFER DATA

Saturated Thickness: 7. ft Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-6	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
MW-6	0	0.46

SOLUTION

Solution Method: Theis (Recovery)

T = 24.53 gal/day/ft

APPENDIX H

Appendix H

Laboratory Reports – Soil

ASARCO

July 21,2000

Mr. Ken Brandner
ARCADIS Geraghty & Miller, Inc.

Dear Sir:

Please find attached the analytical results and associated quality control data for ten soil boring samples collected in association with the Encycle/Texas RFI investigation. Samples were collected on June 12,2000 and received by the lab on June 13,2000.

Sincerely,

Vince Keller

Vince Keller
Laboratory Coordinator

CC:GRStanga (w/attach.)
RCMarcus (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000896

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000896-001	12-JUN-00	B99 (0-0.5')	AG	321	ppm	VPK	26-JUL-00		6010
			AS	8018	ppm	VPK	21-JUN-00		6010
			BA	1181	ppm	VPK	21-JUN-00		6010
			BI	82	ppm	VPK	15-JUL-00		6010
			CD	2970	ppm	VPK	21-JUN-00		6010
			CN-	7.0	ppm	RDC	14-JUN-00		335.2
			CO	1209	ppm	VPK	21-JUN-00		6010
			CR	930	ppm	VPK	21-JUN-00		6010
			CU	104400	ppm	VPK	21-JUN-00		6010
			HG	16	ppm	VPK	22-JUN-00		7471
			MN	11910	ppm	VPK	21-JUN-00		6010
			NI	1369	ppm	VPK	21-JUN-00		6010
			PB	25130	ppm	VPK	21-JUN-00		6010
			SB	139	ppm	VPK	15-JUL-00		6010
			SE	83	ppm	VPK	15-JUL-00		6010
			SN	472	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	20	ppm	VPK	15-JUL-00		6010
			ZN	145500	ppm	VPK	21-JUN-00		6010
L000896-002	12-JUN-00	B98 (0-0.5')	AG	352	ppm	VPK	26-JUL-00		6010
			AS	1542	ppm	VPK	21-JUN-00		6010
			BA	1536	ppm	VPK	21-JUN-00		6010
			BI	90	ppm	VPK	15-JUL-00		6010
			CD	2046	ppm	VPK	21-JUN-00		6010
			CN-	.83	ppm	RDC	14-JUN-00		335.2
			CO	517	ppm	VPK	21-JUN-00		6010
			CR	717	ppm	VPK	21-JUN-00		6010
			CU	12230	ppm	VPK	21-JUN-00		6010
			HG	2.2	ppm	VPK	22-JUN-00		7471
			MN	9205	ppm	VPK	21-JUN-00		6010
			NI	963	ppm	VPK	21-JUN-00		6010
			PB	20870	ppm	VPK	21-JUN-00		6010
			SB	79	ppm	VPK	15-JUL-00		6010
			SE	31	ppm	VPK	15-JUL-00		6010
			SN	271	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	24	ppm	VPK	15-JUL-00		6010
			ZN	87900	ppm	VPK	21-JUN-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000896

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000896-003	12-JUN-00	B97 (0-0.5')	AG	320	ppm	VPK	26-JUL-00		6010
			AS	3197	ppm	VPK	21-JUN-00		6010
			BA	759	ppm	VPK	21-JUN-00		6010
			BI	129	ppm	VPK	15-JUL-00		6010
			CD	3051	ppm	VPK	21-JUN-00		6010
			CN-	21.	ppm	RDC	14-JUN-00		335.2
			CO	5568	ppm	VPK	21-JUN-00		6010
			CR	2471	ppm	VPK	21-JUN-00		6010
			CU	22470	ppm	VPK	21-JUN-00		6010
			HG	11	ppm	VPK	22-JUN-00		7471
			MN	17930	ppm	VPK	21-JUN-00		6010
			NI	3562	ppm	VPK	21-JUN-00		6010
			PB	65760	ppm	VPK	21-JUN-00		6010
			SB	336	ppm	VPK	15-JUL-00		6010
			SE	21	ppm	VPK	15-JUL-00		6010
			SN	1342	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	28	ppm	VPK	15-JUL-00		6010
			ZN	149300	ppm	VPK	21-JUN-00		6010
L000896-004	12-JUN-00	B96 (0-0.5')	AG	345	ppm	VPK	26-JUL-00		6010
			AS	3353	ppm	VPK	21-JUN-00		6010
			BA	1665	ppm	VPK	21-JUN-00		6010
			BI	92	ppm	VPK	15-JUL-00		6010
			CD	2795	ppm	VPK	21-JUN-00		6010
			CN-	1.6	ppm	RDC	14-JUN-00		335.2
			CO	363	ppm	VPK	21-JUN-00		6010
			CR	351	ppm	VPK	21-JUN-00		6010
			CU	30530	ppm	VPK	21-JUN-00		6010
			HG	11	ppm	VPK	22-JUN-00		7471
			MN	8209	ppm	VPK	21-JUN-00		6010
			NI	457	ppm	VPK	21-JUN-00		6010
			PB	28300	ppm	VPK	21-JUN-00		6010
			SB	128	ppm	VPK	15-JUL-00		6010
			SE	39	ppm	VPK	15-JUL-00		6010
			SN	332	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	21	ppm	VPK	15-JUL-00		6010
			ZN	117600	ppm	VPK	21-JUN-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000896

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000896-005	12-JUN-00	B103 (0-0.5')	AG	11	ppm	VPK	20-JUL-00		6010
			AS	46	ppm	VPK	15-JUL-00		6010
			BA	311	ppm	VPK	15-JUL-00		6010
			BI	<4.0	ppm	VPK	15-JUL-00		6010
			CD	157	ppm	VPK	15-JUL-00		6010
			CN-	<.04	ppm	RDC	14-JUN-00		335.2
			CO	12	ppm	VPK	15-JUL-00		6010
			CR	19	ppm	VPK	15-JUL-00		6010
			CU	415	ppm	VPK	15-JUL-00		6010
			HG	1.5	ppm	VPK	22-JUN-00		7471
			MN	404	ppm	VPK	15-JUL-00		6010
			NI	18	ppm	VPK	15-JUL-00		6010
			PB	680	ppm	VPK	15-JUL-00		6010
			SB	2.1	ppm	VPK	15-JUL-00		6010
			SE	1.7	ppm	VPK	15-JUL-00		6010
			SN	13	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	27	ppm	VPK	15-JUL-00		6010
			ZN	16600	ppm	VPK	21-JUN-00		6010
L000896-006	12-JUN-00	B102 (0-0.5')	AG	4.4	ppm	VPK	20-JUL-00		6010
			AS	24	ppm	VPK	15-JUL-00		6010
			BA	237	ppm	VPK	15-JUL-00		6010
			BI	<4.0	ppm	VPK	15-JUL-00		6010
			CD	236	ppm	VPK	15-JUL-00		6010
			CN-	<.04	ppm	RDC	14-JUN-00		335.2
			CO	11	ppm	VPK	15-JUL-00		6010
			CR	13	ppm	VPK	15-JUL-00		6010
			CU	187	ppm	VPK	15-JUL-00		6010
			HG	.46	ppm	VPK	22-JUN-00		7471
			MN	349	ppm	VPK	15-JUL-00		6010
			NI	19	ppm	VPK	15-JUL-00		6010
			PB	338	ppm	VPK	15-JUL-00		6010
			SB	2.1	ppm	VPK	15-JUL-00		6010
			SE	.96	ppm	VPK	15-JUL-00		6010
			SN	6.6	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	20	ppm	VPK	15-JUL-00		6010
			ZN	16260	ppm	VPK	21-JUN-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000896

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000896-007	12-JUN-00	B101 (0-0.5')	AG	120	ppm	VPK	20-JUL-00		6010
			AS	359	ppm	VPK	21-JUN-00		6010
			BA	448	ppm	VPK	21-JUN-00		6010
			BI	12	ppm	VPK	15-JUL-00		6010
			CD	334	ppm	VPK	21-JUN-00		6010
			CN-	<.04	ppm	RDC	14-JUN-00		335.2
			CO	12	ppm	VPK	15-JUL-00		6010
			CR	23	ppm	VPK	15-JUL-00		6010
			CU	2334	ppm	VPK	21-JUN-00		6010
			HG	11	ppm	VPK	22-JUN-00		7471
			MN	1083	ppm	VPK	21-JUN-00		6010
			NI	22	ppm	VPK	15-JUL-00		6010
			PB	5451	ppm	VPK	21-JUN-00		6010
			SB	21	ppm	VPK	15-JUL-00		6010
			SE	20	ppm	VPK	15-JUL-00		6010
			SN	36	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	13	ppm	VPK	15-JUL-00		6010
			ZN	66230	ppm	VPK	14-JUL-00		6010
L000896-008	12-JUN-00	DUPLICATE-1	AG	287	ppm	VPK	26-JUL-00		6010
			AS	1794	ppm	VPK	21-JUN-00		6010
			BA	1065	ppm	VPK	21-JUN-00		6010
			BI	142	ppm	VPK	15-JUL-00		6010
			CD	3911	ppm	VPK	21-JUN-00		6010
			CN-	14	ppm	RDC	14-JUN-00		335.2
			CO	14450	ppm	VPK	21-JUN-00		6010
			CR	4691	ppm	VPK	21-JUN-00		6010
			CU	44110	ppm	VPK	21-JUN-00		6010
			HG	6.5	ppm	VPK	22-JUN-00		7471
			MN	22500	ppm	VPK	21-JUN-00		6010
			NI	18280	ppm	VPK	21-JUN-00		6010
			PB	40450	ppm	VPK	21-JUN-00		6010
			SB	163	ppm	VPK	15-JUL-00		6010
			SE	28	ppm	VPK	15-JUL-00		6010
			SN	2073	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	88	ppm	VPK	15-JUL-00		6010
			ZN	111400	ppm	VPK	14-JUL-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000896

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000896-009	12-JUN-00	DUPLICATE-2	AG	4.7	ppm	VPK	20-JUL-00		6010
			AS	23	ppm	VPK	15-JUL-00		6010
			BA	273	ppm	VPK	21-JUN-00		6010
			BI	<4.0	ppm	VPK	15-JUL-00		6010
			CD	81	ppm	VPK	15-JUL-00		6010
			CN-	<.04	ppm	RDC	14-JUN-00		335.2
			CO	117	ppm	VPK	15-JUL-00		6010
			CR	43	ppm	VPK	15-JUL-00		6010
			CU	414	ppm	VPK	15-JUL-00		6010
			HG	23	ppm	VPK	22-JUN-00		7471
			MN	433	ppm	VPK	21-JUN-00		6010
			NI	136	ppm	VPK	15-JUL-00		6010
			PB	467	ppm	VPK	21-JUN-00		6010
			SB	1.7	ppm	VPK	15-JUL-00		6010
			SE	<.80	ppm	VPK	15-JUL-00		6010
			SN	27	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	24	ppm	VPK	15-JUL-00		6010
			ZN	3045	ppm	VPK	14-JUL-00		6010
L000896-010	12-JUN-00	DUPLICATE-3	AG	81	ppm	VPK	20-JUL-00		6010
			AS	298	ppm	VPK	21-JUN-00		6010
			BA	348	ppm	VPK	21-JUN-00		6010
			BI	12	ppm	VPK	15-JUL-00		6010
			CD	436	ppm	VPK	21-JUN-00		6010
			CN-	.31	ppm	RDC	14-JUN-00		335.2
			CO	52	ppm	VPK	15-JUL-00		6010
			CR	28	ppm	VPK	15-JUL-00		6010
			CU	2554	ppm	VPK	21-JUN-00		6010
			HG	22	ppm	VPK	22-JUN-00		7471
			MN	1132	ppm	VPK	21-JUN-00		6010
			NI	71	ppm	VPK	15-JUL-00		6010
			PB	4048	ppm	VPK	21-JUN-00		6010
			SB	20	ppm	VPK	15-JUL-00		6010
			SE	14	ppm	VPK	15-JUL-00		6010
			SN	51	ppm	VPK	20-JUL-00		6010
			TL	<20*	ppm	VPK	15-JUL-00		6010
			V	16	ppm	VPK	15-JUL-00		6010
			ZN	62730	ppm	VPK	14-JUL-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000896

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD

digestion--3050
* Tl results have elevated limit of detection due to matrix interference.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000475

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000475-1		Matrix Spike	AG	102	%Recovery	VPK	20-JUL-00		6010
			AS	SR>4XSA	%Recovery	VPK	21-JUN-00		6010
			BA	SR>4XSA	%Recovery	VPK	21-JUN-00		6010
			BI	95	%Recovery	VPK	15-JUL-00		6010
			CD	SR>4XSA	%Recovery	VPK	21-JUN-00		6010
			CN-	SR>4XSA	%Recovery	RDC	14-JUN-00		335.2
			CO	SR>4XSA	%Recovery	VPK	15-JUL-00		6010
			CR	100	%Recovery	VPK	15-JUL-00		6010
			CU	SR>4XSA	%Recovery	VPK	15-JUL-00		6010
			HG	SR>4XSA	%Recovery	VPK	22-JUN-00		7471
			MN	SR>4XSA	%Recovery	VPK	21-JUN-00		6010
			NI	SR>4XSA	%Recovery	VPK	21-JUN-00		6010
			PB	SR>4XSA	%Recovery	VPK	21-JUN-00		6010
			SE	83	%Recovery	VPK	15-JUL-00		6010
			SN	90	%Recovery	VPK	20-JUL-00		6010
			TL	88	%Recovery	VPK	15-JUL-00		6010
			V	99	%Recovery	VPK	15-JUL-00		6010
			ZN	SR>4XSA	%Recovery	VPK	21-JUN-00		6010
WG000475-2		Prep Blank	AG	<.50	ppm	VPK	20-JUL-00		6010
			AS	<5.0	ppm	VPK	15-JUL-00		6010
			BA	<5.0	ppm	VPK	15-JUL-00		6010
			BI	<4.0	ppm	VPK	15-JUL-00		6010
			CD	<1.0	ppm	VPK	15-JUL-00		6010
			CN-	<.04	ppm	RDC	14-JUN-00		335.2
			CO	<5.0	ppm	VPK	15-JUL-00		6010
			CR	<5.0	ppm	VPK	15-JUL-00		6010
			HG	<.05	ppm	VPK	22-JUN-00		7471
			MN	<5.0	ppm	VPK	15-JUL-00		6010
			NI	<5.0	ppm	VPK	15-JUL-00		6010
			PB	<5.0	ppm	VPK	15-JUL-00		6010
			SE	<.80	ppm	VPK	15-JUL-00		6010
			SN	<5.0	ppm	VPK	20-JUL-00		6010
			TL	<1.0	ppm	VPK	15-JUL-00		6010
			V	<5.0	ppm	VPK	15-JUL-00		6010
			ZN	<5.0	ppm	VPK	15-JUL-00		6010
WG000475-3		Lab Control Sample	AG	106	%Recovery	VPK	20-JUL-00		6010
			AS	111	%Recovery	VPK	19-JUN-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000475

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000475-3		Lab Control Sample	BA	112	%Recovery	VPK	19-JUN-00		6010
			BI	118	%Recovery	VPK	19-JUN-00		6010
			CD	108	%Recovery	VPK	19-JUN-00		6010
			CN-	94	%Recovery	RDC	14-JUN-00		335.2
			CO	102	%Recovery	VPK	19-JUN-00		6010
			CR	96	%Recovery	VPK	19-JUN-00		6010
			CU	110	%Recovery	VPK	19-JUN-00		6010
			HG	90	%Recovery	VPK	22-JUN-00		7471
			MN	101	%Recovery	VPK	19-JUN-00		6010
			NI	105	%Recovery	VPK	19-JUN-00		6010
			PB	101	%Recovery	VPK	19-JUN-00		6010
			SB	85	%Recovery	VPK	15-JUL-00		6010
			SE	89	%Recovery	VPK	19-JUN-00		6010
			SN	112	%Recovery	VPK	20-JUL-00		6010
			TL	103	%Recovery	VPK	19-JUN-00		6010
			V	101	%Recovery	VPK	19-JUN-00		6010
			ZN	98	%Recovery	VPK	19-JUN-00		6010
WG000475-4		Matrix Spike Duplicate	AG	<1	% RPD	VPK	20-JUL-00		6010
			AS	<1	% RPD	VPK	21-JUN-00		6010
			BA	<1	% RPD	VPK	21-JUN-00		6010
			BI	3	% RPD	VPK	15-JUL-00		6010
			CD	<1	% RPD	VPK	21-JUN-00		6010
			CN-	14	% RPD	RDC	14-JUN-00		335.2
			CO	<1	% RPD	VPK	15-JUL-00		6010
			CR	<1	% RPD	VPK	15-JUL-00		6010
			CU	2	% RPD	VPK	15-JUL-00		6010
			HG	<1	% RPD	VPK	22-JUN-00		7471
			MN	<1	% RPD	VPK	21-JUN-00		6010
			NI	3	% RPD	VPK	21-JUN-00		6010
			PB	3	% RPD	VPK	21-JUN-00		6010
			SB	6	% RPD	VPK	15-JUL-00		6010
			SE	<1	% RPD	VPK	15-JUL-00		6010
			SN	2	% RPD	VPK	20-JUL-00		6010
			TL	<1	% RPD	VPK	15-JUL-00		6010
			V	<1	% RPD	VPK	15-JUL-00		6010
			ZN	<1	% RPD	VPK	21-JUN-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000475

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000475-5		Reporting Limit	AG	.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CO	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SE	.80	ppm				6010
			SN	5.0	ppm				6010
			TL	20*	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010

Approved

Reviewer

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 4

Project Number/Name CC000642.0001

Project Location Encycle, Corpus Christi, TX

Laboratory Asarco, Salt Lake City, Utah

Project Manager Ken Brander

Sampler(s)/Affiliation Brian Harvey / ARCADIS Geraghty & Miller

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Total Antimony (Sb), As, Ba, Bismuth (Bi), Cd, Cr, Co, Cu, Cyanide (CN), Pb, Mn, Hg, Ni, Se, Silver (Ag), Thallium (Tl), Tin (Sn), Zn, Vanadium (V) (16 oz widemouth glass jar w/Teflon-lined lid)	Remarks	Total
B99 (0-0.5')	S	6-12-00/09:40		1		1
B99 (2-2.5')		/ 09:50		1 (hold)		1
B99 (5.5')		/ 10:00		1 (hold)		1
B99 (8.5')		/ 10:05		1 (hold)		1
B99 (11.5')		/ 10:07		1 (hold)		1
B99 (14 & 14.5')		/ 10:15		1 (hold)		1
B98 (0-0.5')		/ 10:30		1		1
B98 (2-2.5)		/ 10:37		1 (hold)		1
B98 (5.5')		/ 10:40		1 (hold)		1
B98 (8.5')		/ 10:46		1 (hold)		1
B98 (11.5')		/ 10:50		1 (hold)		1
B98 (14-14.5')		/ 10:55		1 (hold)		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 12

Relinquished by: [signature]	Organization: ARCADIS	Date 6/12/00	Time 1500	Seal Intact? (Yes) No N/A
Received by: [signature]	Organization: ASARCO	Date 6/13/00	Time 1100	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks: (see Table G-1 in RFI Work Plan Quality Assurance Plan for test methods - attached)
Analyze 0-0.5' depth soil samples for all parameters, hold deeper samples until notified by ARCADIS Geraghty & Miller. Results to: Ken Brander, ARCADIS Geraghty & M., 711 N. Carancahua, Ste 1700 Corpus Christi TX

Delivery Method: ☐ In Person ☒ Common Carrier Federal Express (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 4

Project Number/Name C1000624.0001

Project Location Ingleside, Corpus Christi, TX

Laboratory Asheville, Salt Lake City, Utah

Project Manager Ken Whitmore

Sampler(s)/Affiliation BH / Arcadis

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total Sb, As, Ba, Be, Cd, Cr, Co, Cu	CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Tin	V, Zn	Hg 62 glass jar w/ Teflon lined lid			Remarks	Total
B-97 (0-0.5)	S	6/12/00 1115		1							1
B-97 (2-2.5)	S	1125		1 (HOLD)							1
B-97 (5.5)	S	1128		1 (HOLD)							1
B-97 (8.5)	S	1135		1 (HOLD)							1
B-97 (11.5)	S	1140		1 (HOLD)							1
B-97 (14.5)	S	1141		1 (HOLD)							1
B-97 (15.5-16)	S	1143		1 (HOLD)							1
B-96 (0-0.5)	S	1340		1							1
B-96 (2-2.5)	S	1343		1 (HOLD)							1
B-96 (5.5)	S	1345		1 (HOLD)							1
B-96 (8.5)	S	1349		1 (HOLD)							1
B-96 (11.5)	S	1352		1 (HOLD)							1
B-96 (14.5)	S	1400		1 (HOLD)							1
B-96 (16-16.5)	S	1405		1 (HOLD)							1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 14

Relinquished by: Burton Harvey	Organization: Arcadis	Date 6/12/00	Time 1600	Seal Intact?	
Received by: [illegible]	Organization: Asimco	Date 6/13/00	Time 11:00	Yes	No N/A
Relinquished by: _____	Organization: _____	Date __/__/__	Time _____	Seal Intact?	
Received by: _____	Organization: _____	Date __/__/__	Time _____	Yes	No N/A

Special Instructions/Remarks: _____

Delivery Method: ☐ In Person ☒ Common Carrier Fedex (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 3 of 4

Project Number/Name (((((((((((

Project Location Ingleside, Corpus Christi, TX

Laboratory Arcadis, Salt Lake City, Utah

Project Manager Kim Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TCTMP, Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (16 oz glass jar w/ Teflon lined lid)	Remarks	Total
B103 (0-0.5)	S	6/12/00 1437		1		1
B103 (2-2.5)	S	1441		1 (HOLD)		1
B103 (5.5)	S	1446		1 (HOLD)		1
B103 (8.5)	S	1457		1 (HOLD)		1
B103 (11.5)	S	1500		1 (HOLD)		1
B103 (14.5)	S	1505		1 (HOLD)		1
B103 (15-15.5)	S	1507		1 (HOLD)		1
B102 (0-0.5)	S	1517		1		1
B102 (2-2.5)	S	1520		1 (HOLD)		1
B102 (5.5)	S	1522		1 (HOLD)		1
B102 (8.5)	S	1532		1 (HOLD)		1
B102 (11.5)	S	1535		1 (HOLD)		1
B102 (14.5)	S	1540		1 (HOLD)		1
B102 (14.8-15.3)	S	✓ 1545		1 (HOLD)		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 14

					Seal Intact?
Relinquished by: Bryan Harvey	Organization: ARCADIS	Date 6/12/00	Time 1500		
Received by: FEDEX	Organization: FEDEX	Date 6/13/00	Time 11:00		(Yes) No N/A
Relinquished by: _____	Organization: _____	Date __/__/__	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date __/__/__	Time _____		Yes No N/A

Special Instructions/Remarks: _____

Delivery Method: ☐ In Person ☒ Common Carrier FedEx SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AC 05 0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 4 of 4

Project Number/Name C0000692.0001

Project Location ENCINO, Campus (North), TX

Laboratory ARCADIS, Salt Lake City, UTAH

Project Manager Ken Gardner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL - Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (Note: filtered for Total Metals Target Analyte List)						Remarks	Total
B-101	S	6/12/00 1605		1							1
B-101	S	1607		1 (HOLD)							1
B-101	S	1612		1 (HOLD)							1
B-101	S	1622		1 (HOLD)							1
B-101	S	1625		1 (HOLD)							1
B-101	S	1635		1 (HOLD)							1
DUPLICATE-1	S	—		1							1
DUPLICATE-2	S	—		1							1
DUPLICATE-3	S	—		1							1
EQUIPMENT-1	L	1330		1							1
EQUIPMENT-2	L	1600		1							1
EQUIPMENT-3	L	1645		1							1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 12

Relinquished by: Brian Hennig	Organization: ARCADIS	Date 6/12/00	Time 1600	Seal Intact?	
Received by: FEDEX	Organization: FEDEX	Date 6/13/00	Time 1100	(Yes) No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks: _____

Delivery Method: ☐ In Person ☒ Common Carrier FedEx SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ASARCO

August 30,2000

Mr. Ken Brandner
ARCADIS Geraghty & Miller, Inc.

Dear Sir:

Please find attached the analytical results and associated quality control data for twenty two soil boring samples collected in association with the Encycle/Texas RFI investigation. Samples were collected on June 12,2000 and received by the lab on June 13,2000.

Sincerely,

Duane Coble

Duane Coble
Laboratory Tech.

CC:GRStanga (w/attach.)
RCMarcus (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000915

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000915-001	12-JUN-00	B99 (2-2.5')	AG	*1.8	ppm	MK	31-JUL-00	6010
			AS	15.	ppm	MK	31-JUL-00	6010
			BA	370.	ppm	MK	31-JUL-00	6010
			BI	<4	ppm	MK	31-JUL-00	6010
			CD	27.	ppm	MK	31-JUL-00	6010
			CN-	<.04	ppm	DC	20-JUN-00	335.2
			CO	41.	ppm	MK	31-JUL-00	6010
			CR	19.	ppm	MK	31-JUL-00	6010
			CU	*165.	ppm	MK	31-JUL-00	6010
			HG	.08	ppm	EH	29-JUN-00	245.1
			MN	311.	ppm	MK	31-JUL-00	6010
			MOIST.	16.	%	MF	28-JUL-00	GRAV.
			NI	18.	ppm	MK	31-JUL-00	6010
			PB	45.	ppm	MK	31-JUL-00	6010
			SB	*1.5	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			SN	<5	ppm	MK	31-JUL-00	6010
			TL	1.1	ppm	MK	31-JUL-00	6010
			ZN	2900.	ppm	MK	31-JUL-00	6010
L000915-002	12-JUN-00	B99 (5.5')	AG	*2.2	ppm	MK	31-JUL-00	6010
			AS	25.	ppm	MK	31-JUL-00	6010
			CD	85.	ppm	MK	31-JUL-00	6010
			CO	37.	ppm	MK	31-JUL-00	6010
			CR	20.	ppm	MK	31-JUL-00	6010
			CU	*274.	ppm	MK	31-JUL-00	6010
			SB	*1.1	ppm	MK	31-JUL-00	6010
			TL	1.9	ppm	MK	31-JUL-00	6010
			ZN	2045.	ppm	MK	31-JUL-00	6010
L000915-003	12-JUN-00	B99 (8.5')	AG	*.96	ppm	MK	31-JUL-00	6010
			AS	7.9	ppm	MK	31-JUL-00	6010
			CD	1.9	ppm	MK	31-JUL-00	6010
			CO	10.	ppm	MK	31-JUL-00	6010
			CR	24.	ppm	MK	31-JUL-00	6010
			CU	*18.	ppm	MK	31-JUL-00	6010
			SB	*1.6	ppm	MK	31-JUL-00	6010
			TL	2.0	ppm	MK	31-JUL-00	6010
			ZN	130.	ppm	MK	31-JUL-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000915

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000915-004	12-JUN-00	B99 (11.5')	AG	*1.6	ppm	MK	31-JUL-00	6010
			CO	13.	ppm	MK	31-JUL-00	6010
			CR	32.	ppm	MK	31-JUL-00	6010
			CU	*124.	ppm	MK	31-JUL-00	6010
			SB	*1.6	ppm	MK	31-JUL-00	6010
			TL	2.3	ppm	MK	31-JUL-00	6010
			ZN	281.	ppm	MK	31-JUL-00	6010
L000915-005	12-JUN-00	B99 (14-14.5')	AG	*1.9	ppm	MK	31-JUL-00	6010
			CO	5.2	ppm	MK	31-JUL-00	6010
			CR	13.	ppm	MK	31-JUL-00	6010
			CU	*16.	ppm	MK	31-JUL-00	6010
			SB	*1.5	ppm	MK	31-JUL-00	6010
			TL	1.5	ppm	MK	31-JUL-00	6010
			ZN	51.	ppm	MK	31-JUL-00	6010
L000915-006	12-JUN-00	B98 (2-2.5')	AG	*2.9	ppm	MK	31-JUL-00	6010
			AS	5.3	ppm	MK	31-JUL-00	6010
			BA	416.	ppm	MK	31-JUL-00	6010
			BI	<4	ppm	MK	31-JUL-00	6010
			CD	1.1	ppm	MK	31-JUL-00	6010
			CN-	<.04	ppm	DC	20-JUN-00	335.2
			CO	6.6	ppm	MK	31-JUL-00	6010
			CR	19.	ppm	MK	31-JUL-00	6010
			CU	*11.	ppm	MK	31-JUL-00	6010
			HG	<.05	ppm	EH	29-JUN-00	245.1
			MN	327.	ppm	MK	31-JUL-00	6010
			MOIST.	15.9	%	MF	28-JUL-00	GRAV.
			NI	13.	ppm	MK	31-JUL-00	6010
			PB	14.	ppm	MK	31-JUL-00	6010
			SB	*<.8	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			SN	<5	ppm	MK	31-JUL-00	6010
			TL	2.6	ppm	MK	31-JUL-00	6010
			ZN	82.	ppm	MK	31-JUL-00	6010
L000915-007	12-JUN-00	B98 (5.5')	AG	*21.	ppm	MK	31-JUL-00	6010
			CR	24.	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000915

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000915-007	12-JUN-00	B98 (5.5')	TL	1.6	ppm	MK	31-JUL-00	6010
			ZN	76.	ppm	MK	31-JUL-00	6010
L000915-008	12-JUN-00	B98 (8.5')	AG	*2.4	ppm	MK	31-JUL-00	6010
			CR	25.	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			TL	2.0	ppm	MK	31-JUL-00	6010
			ZN	93.	ppm	MK	31-JUL-00	6010
L000915-009	12-JUN-00	B98 (11.5')	AG	*1.9	ppm	MK	31-JUL-00	6010
			CR	15.	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			TL	<1	ppm	MK	31-JUL-00	6010
			ZN	49.	ppm	MK	31-JUL-00	6010
L000915-010	12-JUN-00	B98 (14-14.5')	AG	*9.0	ppm	MK	31-JUL-00	6010
			CR	16.	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			ZN	52.	ppm	MK	31-JUL-00	6010
L000915-011	12-JUN-00	B97 (2-2.5')	AG	*9.1	ppm	MK	31-JUL-00	6010
			AS	8.1	ppm	MK	31-JUL-00	6010
			BA	432.	ppm	MK	31-JUL-00	6010
			BI	<4	ppm	MK	31-JUL-00	6010
			CD	2165.	ppm	MK	31-JUL-00	6010
			CN-	<.04	ppm	DC	20-JUN-00	335.2
			CO	204.	ppm	MK	31-JUL-00	6010
			CR	26.	ppm	MK	31-JUL-00	6010
			CU	*56.	ppm	MK	31-JUL-00	6010
			HG	<.05	ppm	EH	29-JUN-00	245.1
			MN	1656	ppm	MK	31-JUL-00	6010
			MOIST.	18.2	%	MF	28-JUL-00	GRAV.
			NI	56.	ppm	MK	31-JUL-00	6010
			PB	90.	ppm	MK	31-JUL-00	6010
			SB	*2.5	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			SN	<5	ppm	MK	31-JUL-00	6010
			TL	<1	ppm	MK	31-JUL-00	6010
			V	45.	ppm	MK	31-JUL-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000915

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000915-011	12-JUN-00	B97 (2-2.5')	ZN	20000.	ppm	MK	31-JUL-00	6010
L000915-012	12-JUN-00	B97 (5.5')	AG	*1.9	ppm	MK	31-JUL-00	6010
			AS	<5	ppm	MK	31-JUL-00	6010
			CD	976.	ppm	MK	31-JUL-00	6010
			CO	59.	ppm	MK	31-JUL-00	6010
			CR	17.	ppm	MK	31-JUL-00	6010
			CU	*35.	ppm	MK	31-JUL-00	6010
			MN	450.	ppm	MK	31-JUL-00	6010
			NI	31.	ppm	MK	31-JUL-00	6010
			PB	37.	ppm	MK	31-JUL-00	6010
			SB	*1.1	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			V	33.	ppm	MK	31-JUL-00	6010
			ZN	6285.	ppm	MK	31-JUL-00	6010
L000915-013	12-JUN-00	B97 (8.5')	AG	*13.	ppm	MK	31-JUL-00	6010
			CD	13.	ppm	MK	31-JUL-00	6010
			CO	12.	ppm	MK	31-JUL-00	6010
			CR	13.	ppm	MK	31-JUL-00	6010
			CU	*14.	ppm	MK	31-JUL-00	6010
			NI	10.	ppm	MK	31-JUL-00	6010
			SB	*2.5	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			ZN	175.	ppm	MK	31-JUL-00	6010
L000915-014	12-JUN-00	B97 (11.5')	AG	*11.	ppm	MK	31-JUL-00	6010
			CD	7.2	ppm	MK	31-JUL-00	6010
			CO	6.3	ppm	MK	31-JUL-00	6010
			SB	*9.0	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			ZN	108.	ppm	MK	31-JUL-00	6010
L000915-015	12-JUN-00	B97 (14.5')	AG	*21.	ppm	MK	31-JUL-00	6010
			CD	11.	ppm	MK	31-JUL-00	6010
			SB	*<.8	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			ZN	92.	ppm	MK	31-JUL-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000915

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000915-020	12-JUN-00	B96 (11.5')	AG	*2.2	ppm	MK	31-JUL-00	6010
			CR	56.	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			ZN	24.	ppm	MK	31-JUL-00	6010
L000915-021	12-JUN-00	B96 (14.5')	AG	*42.	ppm	MK	31-JUL-00	6010
			CR	20.	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			ZN	54.	ppm	MK	31-JUL-00	6010
L000915-022	12-JUN-00	B96 (16-16.5)	AG	*1.8	ppm	MK	31-JUL-00	6010
			CR	17.	ppm	MK	31-JUL-00	6010
			SE	*<5.	ppm	MK	31-JUL-00	6010
			ZN	55.	ppm	MK	31-JUL-00	6010

DIGESTION--3050
*--AG,CU,SB SAMPLE RESULTS POTENTIALLY BIASD, BASED ON THE LABORATORY CONTROL SAMPLE AND SPIKE RECOVERY.
*--SE DETECTION LIMIT IS ELEVATED DUE TO MATRIX.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000490

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000490-1		Matrix Spike	AG	*45.	%Recovery	MK	31-JUL-00		6010
			AS	107	%Recovery	MK	31-JUL-00		6010
			BA	105	%Recovery	MK	31-JUL-00		6010
			BI	110	%Recovery	MK	31-JUL-00		6010
			CD	101	%Recovery	MK	31-JUL-00		6010
			CN-	80	%Recovery	DC	20-JUN-00		335.2
			CO	103	%Recovery	MK	31-JUL-00		6010
			CR	111	%Recovery	MK	31-JUL-00		6010
			CU	*129	%Recovery	MK	31-JUL-00		6010
			HG	80	%Recovery	EH	29-JUN-00		245.1
			MN	104	%Recovery	MK	31-JUL-00		6010
			NI	107	%Recovery	MK	31-JUL-00		6010
			PB	107	%Recovery	MK	31-JUL-00		6010
			SB	*27	%Recovery	MK	31-JUL-00		6010
			SE	93	%Recovery	MK	31-JUL-00		6010
			SN	104	%Recovery	MK	31-JUL-00		6010
			TL	97	%Recovery	MK	31-JUL-00		6010
			V	113	%Recovery	MK	31-JUL-00		6010
			ZN	105	%Recovery	MK	31-JUL-00		6010
WG000490-2		Prep Blank	AG	<.5	ppm	MK	31-JUL-00		6010
			AS	<5.	ppm	MK	31-JUL-00		6010
			BA	<5	ppm	MK	31-JUL-00		6010
			BI	<4	ppm	MK	31-JUL-00		6010
			CD	<1	ppm	MK	31-JUL-00		6010
			CN-	<.04	ppm	DC	20-JUN-00		335.2
			CO	<5	ppm	MK	31-JUL-00		6010
			CR	<5	ppm	MK	31-JUL-00		6010
			CU	<5	ppm	MK	31-JUL-00		6010
			HG	<.05	ppm	EH	29-JUN-00		245.1
			MN	<5	ppm	MK	31-JUL-00		6010
			NI	<5	ppm	MK	31-JUL-00		6010
			PB	<.8	ppm	MK	31-JUL-00		6010
			SB	<.8	ppm	MK	31-JUL-00		6010
			SE	<5	ppm	MK	31-JUL-00		6010
			SN	<5	ppm	MK	31-JUL-00		6010
			TL	<1	ppm	MK	31-JUL-00		6010
			V	<5	ppm	MK	31-JUL-00		6010
			ZN	<5	ppm	MK	31-JUL-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000490

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000490-3		Lab Control Sample	AG	102	%Recovery	MK	31-JUL-00		6010
			AS	107	%Recovery	MK	31-JUL-00		6010
			BA	103	%Recovery	MK	31-JUL-00		6010
			BI	103	%Recovery	MK	15-AUG-00		6010
			CD	102	%Recovery	MK	31-JUL-00		6010
			CN-	92	%Recovery	DC	20-JUN-00		335.2
			CO	98	%Recovery	MK	31-JUL-00		6010
			CR	104	%Recovery	MK	31-JUL-00		6010
			CU	104	%Recovery	MK	31-JUL-00		6010
			HG	117	%Recovery	EH	29-JUN-00		245.1
			MN	108	%Recovery	MK	31-JUL-00		6010
			NI	106	%Recovery	MK	31-JUL-00		6010
			PB	105	%Recovery	MK	31-JUL-00		6010
			SB	85	%Recovery	MK	31-JUL-00		6010
			SE	88	%Recovery	MK	31-JUL-00		6010
			SN	104	%Recovery	MK	31-JUL-00		6010
			TL	107	%Recovery	MK	31-JUL-00		6010
			V	105	%Recovery	MK	31-JUL-00		6010
			ZN	102	%Recovery	MK	31-JUL-00		6010
WG000490-4		Matrix Spike Duplicate	AG	13.	% RPD	MK	31-JUL-00		6010
			AS	2.1	% RPD	MK	31-JUL-00		6010
			BA	2.0	% RPD	MK	31-JUL-00		6010
			BI	3.2	% RPD	MK	31-JUL-00		6010
			CD	1.2	% RPD	MK	31-JUL-00		6010
			CO	1.	% RPD	MK	31-JUL-00		6010
			CR	<1	% RPD	MK	31-JUL-00		6010
			CU	<1	% RPD	MK	31-JUL-00		6010
			HG	9.	% RPD	EH	29-JUN-00		245.1
			MN	<1	% RPD	MK	31-JUL-00		6010
			NI	<1	% RPD	MK	31-JUL-00		6010
			PB	<1	% RPD	MK	31-JUL-00		6010
			SB	2.5	% RPD	MK	31-JUL-00		6010
			SE	1.8	% RPD	MK	31-JUL-00		6010
			SN	2.4	% RPD	MK	31-JUL-00		6010
			TL	<1	% RPD	MK	31-JUL-00		6010
			V	1.5	% RPD	MK	31-JUL-00		6010
			ZN	1.3	% RPD	MK	31-JUL-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000490

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000490-5		Reporting Limit	AG	.5	ppm	MK	31-JUL-00		6010
			AS	5.	ppm	MK	31-JUL-00		6010
			BA	5.	ppm	MK	31-JUL-00		6010
			BI	4.	ppm	MK	31-JUL-00		6010
			CD	1.	ppm	MK	31-JUL-00		6010
			CN-	.04	ppm	DC	20-JUN-00		335.2
			CO	5.	ppm	MK	31-JUL-00		6010
			CR	5.	ppm	MK	31-JUL-00		6010
			CU	5.	ppm	MK	31-JUL-00		6010
			HG	.05	ppm	EH	29-JUN-00		245.1
			MN	5.	ppm	MK	31-JUL-00		6010
			NI	5.	ppm	MK	31-JUL-00		6010
			PB	5.	ppm	MK	31-JUL-00		6010
			SB	.8	ppm	MK	31-JUL-00		6010
			SE	.8	ppm	MK	31-JUL-00		6010
			SN	5.	ppm	MK	31-JUL-00		6010
			TL	1.	ppm	MK	31-JUL-00		6010
			V	5.	ppm	MK	31-JUL-00		6010
			ZN	5.	ppm	MK	31-JUL-00		6010
WG000490-6		Duplicate	CN-	14	% RPD	DC	20-JUN-00		335.2
WG000490-7		Matrix Spike	AG	*53	%Recovery	MK	31-JUL-00		6010
			AS	108	%Recovery	MK	31-JUL-00		6010
			BA	89	%Recovery	MK	31-JUL-00		6010
			BI	110	%Recovery	MK	31-JUL-00		6010
			CD	107	%Recovery	MK	31-JUL-00		6010
			CN-	100	%Recovery	DC	20-JUN-00		335.2
			CO	107	%Recovery	MK	31-JUL-00		6010
			CR	*68	%Recovery	MK	31-JUL-00		6010
			CU	*125	%Recovery	MK	31-JUL-00		6010
			MN	116	%Recovery	MK	31-JUL-00		6010
			NI	111	%Recovery	MK	31-JUL-00		6010
			PB	102	%Recovery	MK	31-JUL-00		6010
			SB	*35	%Recovery	MK	31-JUL-00		6010
			SE	93	%Recovery	MK	31-JUL-00		6010
			SN	103	%Recovery	MK	31-JUL-00		6010
			TL	101	%Recovery	MK	31-JUL-00		6010
			V	114	%Recovery	MK	31-JUL-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000490

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000490-7		Matrix Spike	ZN	107	%Recovery	MK	31-JUL-00		6010
WG000490-8		Prep Blank	AG	<.5	ppm	MK	31-JUL-00		6010
			AS	<5	ppm	MK	31-JUL-00		6010
			BA	<5	ppm	MK	31-JUL-00		6010
			BI	<4	ppm	MK	31-JUL-00		6010
			CD	<1	ppm	MK	31-JUL-00		6010
			CN-	<.04	ppm	DC	20-JUN-00		335.2
			CO	<5	ppm	MK	31-JUL-00		6010
			CR	<5	ppm	MK	31-JUL-00		6010
			CU	<5	ppm	MK	31-JUL-00		6010
			HG	<.05	ppm	EH	29-JUN-00		245.1
			MN	<5	ppm	MK	31-JUL-00		6010
			NI	<5	ppm	MK	31-JUL-00		6010
			PB	<5	ppm	MK	31-JUL-00		6010
			SB	<.8	ppm	MK	31-JUL-00		6010
			SE	<.8	ppm	MK	31-JUL-00		6010
			SN	<5	ppm	MK	31-JUL-00		6010
			TL	<1	ppm	MK	31-JUL-00		6010
			V	<5	ppm	MK	31-JUL-00		6010
			ZN	<5	ppm	MK	31-JUL-00		6010
WG000490-9		Lab Control Sample	AG	62	%Recovery	MK	31-JUL-00		6010
			AS	116	%Recovery	MK	31-JUL-00		6010
			BA	118	%Recovery	MK	31-JUL-00		6010
			CD	117	%Recovery	MK	31-JUL-00		6010
			CN-	86	%Recovery	DC	20-JUN-00		335.2
			CO	111	%Recovery	MK	31-JUL-00		6010
			CR	118	%Recovery	MK	31-JUL-00		6010
			CU	126	%Recovery	MK	31-JUL-00		6010
			MN	117	%Recovery	MK	31-JUL-00		6010
			NI	116	%Recovery	MK	31-JUL-00		6010
			PB	120	%Recovery	MK	31-JUL-00		6010
			SB	93	%Recovery	MK	31-JUL-00		6010
			SE	94	%Recovery	MK	31-JUL-00		6010
			SN	114	%Recovery	MK	31-JUL-00		6010
			TL	122	%Recovery	MK	31-JUL-00		6010
			V	117	%Recovery	MK	31-JUL-00		6010
			ZN	110	%Recovery	MK	31-JUL-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000490

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000490-10		Matrix Spike Duplicate	AG	*55	% RPD	MK	31-JUL-00		6010
			AS	1.3	% RPD	MK	31-JUL-00		6010
			BA	7.7	% RPD	MK	31-JUL-00		6010
			BI	2.7	% RPD	MK	31-JUL-00		6010
			CD	<1	% RPD	MK	31-JUL-00		6010
			CO	<1	% RPD	MK	31-JUL-00		6010
			CR	<1	% RPD	MK	31-JUL-00		6010
			CU	<1	% RPD	MK	31-JUL-00		6010
			HG	4.2	% RPD	EH	29-JUN-00		245.1
			MN	1.3	% RPD	MK	31-JUL-00		6010
			NI	1.9	% RPD	MK	31-JUL-00		6010
			PB	2.1	% RPD	MK	31-JUL-00		6010
			SB	16.	% RPD	MK	31-JUL-00		6010
			SE	2.1	% RPD	MK	31-JUL-00		6010
			SN	7.7	% RPD	MK	31-JUL-00		6010
			TL	1.9	% RPD	MK	31-JUL-00		6010
			V	2.5	% RPD	MK	31-JUL-00		6010
			ZN	<1	% RPD	MK	31-JUL-00		6010
WG000490-12		Duplicate	CN-	<1	% RPD	DC	20-JUN-00		335.2

*--AG,CU,SB SAMPLE RESULTS POTENTIALLY BIASED , BASED ON THE LABORATORY CONTROL SAMPLE AND SPIKE RECOVERY.
*--SE DETECTION LIMIT ELEVATED DUE TO MATRIX.

Approved

Reviewer

ASARCO

September 6, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results for (66), sixty six soil samples collected on June 13,2000 in association with the Encycle Project # 8201, and received by the laboratory on June 14, 2000.

Please note that Hg and CN- results were reported on as received basis while all other metals were reported on dry weight basis.

If you need further information, please call at (801) 263-5253.

Sincerely,

Adil Harami
Senior Chemist

Attach.
cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000982

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000982-001	13-JUN-00	B-104 (2-2.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			AS	<5.	ppm	MDK	24-AUG-00	6010
			BA	114.	ppm	MDK	24-AUG-00	6010
			BI	<4.	ppm	MDK	24-AUG-00	6010
			CD	3.	ppm	MDK	24-AUG-00	6010
			CN-	<0.04	ppm	DC	28-JUN-00	335.2
			CO	<5.	ppm	MDK	24-AUG-00	6010
			CR	11.	ppm	MDK	24-AUG-00	6010
			CU	26.	ppm	MDK	24-AUG-00	6010
			HG	<0.05	ppm	EH	07-JUL-00	7471
			MN	260.	ppm	MDK	24-AUG-00	6010
			NI	9.	ppm	MDK	24-AUG-00	6010
			PB	19.	ppm	MDK	24-AUG-00	6010
			SB	<0.8*	ppm	MDK	24-AUG-00	6010
			SE	<0.8*	ppm	MDK	24-AUG-00	6010
			SN	<5.	ppm	MDK	24-AUG-00	6010
			ZN	315.	ppm	MDK	24-AUG-00	6010
L000982-002	13-JUN-00	B-104 (5.5)	CU	12.	ppm	MDK	24-AUG-00	6010
			ZN	60.	ppm	MDK	24-AUG-00	6010
L000982-003	13-JUN-00	B-104 (8.5)	ZN	481.	ppm	MDK	24-AUG-00	6010
L000982-004	13-JUN-00	B-104 (11.5)	ZN	39.	ppm	MDK	24-AUG-00	6010
L000982-005	13-JUN-00	B-104 (14.5)	ZN	30.	ppm	MDK	24-AUG-00	6010
L000982-006	13-JUN-00	B-104 (15.5-16)	ZN	22.	ppm	MDK	24-AUG-00	6010
L000982-007	13-JUN-00	B-35 (2-2.5)	AG	2.	ppm	MDK	24-AUG-00	6010
			AS	12.	ppm	MDK	24-AUG-00	6010
			BI	<4.	ppm	MDK	24-AUG-00	6010
			CD	177.	ppm	MDK	24-AUG-00	6010
			CN-	<0.04	ppm	DC	28-JUN-00	335.2
			CO	9.	ppm	MDK	24-AUG-00	6010
			CR	8.	ppm	MDK	24-AUG-00	6010
			CU	141.	ppm	MDK	24-AUG-00	6010
			HG	<0.05	ppm	EH	07-JUL-00	7471
			NI	12.	ppm	MDK	24-AUG-00	6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000982-007	13-JUN-00	B-35 (2-2.5)	PB	272.	ppm	MDK	24-AUG-00	6010
			SB	1.0*	ppm	MDK	24-AUG-00	6010
			SE	<0.8*	ppm	MDK	24-AUG-00	6010
			SN	<5.	ppm	MDK	24-AUG-00	6010
			TL	<1.*	ppm	MDK	24-AUG-00	6010
			ZN	25570.	ppm	MDK	02-SEP-00	6010
L000982-008	13-JUN-00	B-35 (5.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			AS	7.	ppm	MDK	24-AUG-00	6010
			CD	17.	ppm	MDK	24-AUG-00	6010
			CN-	<0.04	ppm	DC	28-JUN-00	335.2
			CU	13.	ppm	MDK	24-AUG-00	6010
			PB	20.	ppm	MDK	24-AUG-00	6010
			SB	<0.8*	ppm	MDK	24-AUG-00	6010
			ZN	602.	ppm	MDK	24-AUG-00	6010
L000982-009	13-JUN-00	B-35 (8.5)	CD	39.	ppm	MDK	24-AUG-00	6010
			ZN	487.	ppm	MDK	24-AUG-00	6010
L000982-010	13-JUN-00	B-35 (11.5)	CD	2.	ppm	MDK	24-AUG-00	6010
			ZN	61.	ppm	MDK	24-AUG-00	6010
L000982-011	13-JUN-00	B-35 (14.5)	ZN	57.	ppm	MDK	24-AUG-00	6010
L000982-012	13-JUN-00	B-35 (16.5-17)	ZN	97.	ppm	MDK	24-AUG-00	6010
L000982-013	13-JUN-00	B-100 (2-2.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			CD	1.	ppm	MDK	24-AUG-00	6010
			HG	<0.05	ppm	EH	07-JUL-00	7471
			TL	3.0*	ppm	MDK	24-AUG-00	6010
			ZN	65.	ppm	MDK	24-AUG-00	6010
L000982-014	13-JUN-00	B-100 (5.5)	TL	2.0*	ppm	MDK	24-AUG-00	6010
			ZN	223.	ppm	MDK	24-AUG-00	6010
L000982-015	13-JUN-00	B-100 (8.5)	TL	2.0*	ppm	MDK	24-AUG-00	6010
			ZN	587.	ppm	MDK	24-AUG-00	6010

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L000982-016	13-JUN-00	B-100 (11.5)	TL	1.0*	ppm	MDK	24-AUG-00	6010
			ZN	30.	ppm	MDK	24-AUG-00	6010
L000982-017	13-JUN-00	B-100 (14.5-15)	ZN	27.	ppm	MDK	24-AUG-00	6010
L000982-018	13-JUN-00	B-36 (2-2.5)	AG	1.	ppm	MDK	24-AUG-00	6010
			CD	11.	ppm	MDK	24-AUG-00	6010
			CR	7.	ppm	MDK	24-AUG-00	6010
			CU	162.	ppm	MDK	24-AUG-00	6010
			HG	0.30	ppm	EH	07-JUL-00	7471
			NI	6.	ppm	MDK	24-AUG-00	6010
			PB	74.	ppm	MDK	24-AUG-00	6010
			SB	1.0*	ppm	MDK	24-AUG-00	6010
			TL	<1.*	ppm	MDK	24-AUG-00	6010
			ZN	1370.	ppm	MDK	24-AUG-00	6010
L000982-019	13-JUN-00	B-36 (5.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			CD	<1.	ppm	MDK	24-AUG-00	6010
			CU	6.	ppm	MDK	24-AUG-00	6010
			HG	<0.05	ppm	EH	07-JUL-00	7471
			PB	7.	ppm	MDK	24-AUG-00	6010
			SB	<0.8*	ppm	MDK	24-AUG-00	6010
			ZN	53.	ppm	MDK	24-AUG-00	6010
L000982-020	13-JUN-00	B-36 (8.5)	ZN	407.	ppm	MDK	24-AUG-00	6010
L000982-021	13-JUN-00	B-36 (11.5)	ZN	132.	ppm	MDK	24-AUG-00	6010
L000982-022	13-JUN-00	B-36 (12.5-13)	ZN	86.	ppm	MDK	24-AUG-00	6010
L000982-023	13-JUN-00	B-37 (2-2.5)	AG	1.	ppm	MDK	24-AUG-00	6010
			AS	6.	ppm	MDK	24-AUG-00	6010
			CD	13.	ppm	MDK	24-AUG-00	6010
			CO	6.	ppm	MDK	24-AUG-00	6010
			CR	18.	ppm	MDK	24-AUG-00	6010
			CU	35.	ppm	MDK	24-AUG-00	6010
			MN	330.	ppm	MDK	24-AUG-00	6010
			NI	11.	ppm	MDK	24-AUG-00	6010
			PB	52.	ppm	MDK	24-AUG-00	6010

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L000982-023	13-JUN-00	B-37 (2-2.5)	SB	1.0*	ppm	MDK	24-AUG-00	6010
			SE	<0.8*	ppm	MDK	24-AUG-00	6010
			TL	1.0*	ppm	MDK	24-AUG-00	6010
			ZN	1700.	ppm	MDK	24-AUG-00	6010
L000982-024	13-JUN-00	B-37 (5.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			CD	1.	ppm	MDK	24-AUG-00	6010
			CR	10.	ppm	MDK	24-AUG-00	6010
			CU	8.	ppm	MDK	24-AUG-00	6010
			HG	<0.05	ppm	EH	07-JUL-00	7471
			SB	<0.8*	ppm	MDK	24-AUG-00	6010
			ZN	137.	ppm	MDK	24-AUG-00	6010
L000982-025	13-JUN-00	B-37 (8.5)	ZN	45.	ppm	MDK	24-AUG-00	6010
L000982-026	13-JUN-00	B-37 (11.5)	ZN	53.	ppm	MDK	24-AUG-00	6010
L000982-027	13-JUN-00	B-37 (13-14)	ZN	44.	ppm	MDK	24-AUG-00	6010
L000982-028	13-JUN-00	B-38 (2-2.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			AS	<5.	ppm	MDK	24-AUG-00	6010
			BI	<4.	ppm	MDK	24-AUG-00	6010
			CD	<1.	ppm	MDK	24-AUG-00	6010
			CO	<5.	ppm	MDK	24-AUG-00	6010
			CR	10.	ppm	MDK	24-AUG-00	6010
			CU	12.	ppm	MDK	24-AUG-00	6010
			MN	233.	ppm	MDK	24-AUG-00	6010
			NI	9.	ppm	MDK	24-AUG-00	6010
			PB	15.	ppm	MDK	24-AUG-00	6010
			SB	<0.8*	ppm	MDK	24-AUG-00	6010
			SE	<0.8*	ppm	MDK	24-AUG-00	6010
			SN	<5.	ppm	MDK	24-AUG-00	6010
			ZN	57.	ppm	MDK	24-AUG-00	6010
L000982-029	13-JUN-00	B-38 (5.5)	HG	<0.05	ppm	EH	07-JUL-00	7471
			ZN	1210.	ppm	MDK	24-AUG-00	6010
L000982-030	13-JUN-00	B-38 (8.5)	ZN	487.	ppm	MDK	24-AUG-00	6010

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L000982-031	13-JUN-00	B-38 (11.5)	ZN	45.	ppm	MDK	24-AUG-00	6010
L000982-032	13-JUN-00	B-38 (14.5)	ZN	16.	ppm	MDK	24-AUG-00	6010
L000982-033	13-JUN-00	B-38 (17.5-18)	ZN	16.	ppm	MDK	24-AUG-00	6010
L000982-034	13-JUN-00	B-39 (2-2.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			CR	9.	ppm	MDK	24-AUG-00	6010
			HG	<0.05	ppm	EH	07-JUL-00	7471
			MN	248.	ppm	MDK	24-AUG-00	6010
			SB	<0.8*	ppm	MDK	24-AUG-00	6010
			SN	<5.	ppm	MDK	24-AUG-00	6010
			ZN	172.	ppm	MDK	24-AUG-00	6010
L000982-035	13-JUN-00	B-39 (5.5)	ZN	25.	ppm	MDK	24-AUG-00	6010
L000982-036	13-JUN-00	B-39 (8.5)	ZN	25.	ppm	MDK	24-AUG-00	6010
L000982-037	13-JUN-00	B-39 (11.5)	ZN	28.	ppm	MDK	24-AUG-00	6010
L000982-038	13-JUN-00	B-39 (14.5)	ZN	8.	ppm	MDK	24-AUG-00	6010
L000982-039	13-JUN-00	B-39 (16-16.5)	ZN	114.	ppm	MDK	24-AUG-00	6010
L000982-040	13-JUN-00	B-40 (2-2.5)	AG	1.	ppm	MDK	24-AUG-00	6010
			AS	11.	ppm	MDK	24-AUG-00	6010
			BI	<4.	ppm	MDK	24-AUG-00	6010
			CD	8.	ppm	MDK	24-AUG-00	6010
			CO	10.	ppm	MDK	24-AUG-00	6010
			CR	17.	ppm	MDK	24-AUG-00	6010
			CU	508.	ppm	MDK	24-AUG-00	6010
			HG	<0.05	ppm	EH	07-JUL-00	7471
			MN	355.	ppm	MDK	24-AUG-00	6010
			NI	69.	ppm	MDK	24-AUG-00	6010
			PB	267.	ppm	MDK	24-AUG-00	6010
			SB	2.0*	ppm	MDK	24-AUG-00	6010
			SN	21.	ppm	MDK	24-AUG-00	6010
			TL	2.0*	ppm	MDK	24-AUG-00	6010
			ZN	867.	ppm	MDK	24-AUG-00	6010

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L000982-041	13-JUN-00	B-40 (5.5)	AG	1.	ppm	MDK	24-AUG-00	6010
			AS	12.	ppm	MDK	24-AUG-00	6010
			CD	5.	ppm	MDK	24-AUG-00	6010
			CO	7.	ppm	MDK	24-AUG-00	6010
			CR	13.	ppm	MDK	24-AUG-00	6010
			CU	164.	ppm	MDK	24-AUG-00	6010
			NI	40.	ppm	MDK	24-AUG-00	6010
			PB	196.	ppm	MDK	24-AUG-00	6010
			SB	2.0*	ppm	MDK	24-AUG-00	6010
			SN	17.	ppm	MDK	24-AUG-00	6010
			TL	2.0*	ppm	MDK	24-AUG-00	6010
			ZN	788.	ppm	MDK	24-AUG-00	6010
L000982-042	13-JUN-00	B-40 (8.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			CD	1.	ppm	MDK	24-AUG-00	6010
			CU	54.	ppm	MDK	24-AUG-00	6010
			NI	13.	ppm	MDK	24-AUG-00	6010
			PB	70.	ppm	MDK	24-AUG-00	6010
			SB	1.0*	ppm	MDK	24-AUG-00	6010
			SN	9.	ppm	MDK	24-AUG-00	6010
			TL	1.0*	ppm	MDK	24-AUG-00	6010
			ZN	395.	ppm	MDK	24-AUG-00	6010
L000982-043	13-JUN-00	B-40 (11.5)	CU	9.	ppm	MDK	24-AUG-00	6010
			PB	11.	ppm	MDK	24-AUG-00	6010
			SB	<0.8*	ppm	MDK	24-AUG-00	6010
			SN	<5.	ppm	MDK	24-AUG-00	6010
			ZN	93.	ppm	MDK	24-AUG-00	6010
L000982-044	13-JUN-00	B-40 (14.5)	ZN	9559.	ppm	MDK	24-AUG-00	6010
L000982-045	13-JUN-00	B-40 (17-17.5)	ZN	944.	ppm	MDK	24-AUG-00	6010
L000982-046	14-JUN-00	B-72 (2-2.5)	CU	10.	ppm	MDK	24-AUG-00	6010
			MN	93.	ppm	MDK	24-AUG-00	6010
			SB	<0.8*	ppm	MDK	24-AUG-00	6010
			ZN	836.	ppm	MDK	24-AUG-00	6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000982-047	14-JUN-00	B-72 (5.5)	ZN	616.	ppm	MDK	24-AUG-00	6010
L000982-048	14-JUN-00	B-72 (8.5)	ZN	676.	ppm	MDK	24-AUG-00	6010
L000982-049	14-JUN-00	B-72 (11.5)	ZN	52.	ppm	MDK	24-AUG-00	6010
L000982-050	14-JUN-00	B-72 (14.5)	ZN	56.	ppm	MDK	24-AUG-00	6010
L000982-051	14-JUN-00	B-72 (17-17.5)	ZN	42.	ppm	MDK	24-AUG-00	6010
L000982-052	14-JUN-00	B-74 (2-2.5)	CR	8.	ppm	MDK	24-AUG-00	6010
			TL	2.0*	ppm	MDK	24-AUG-00	6010
			ZN	318.	ppm	MDK	24-AUG-00	6010
L000982-053	14-JUN-00	B-74 (5.5)	TL	3.0*	ppm	MDK	24-AUG-00	6010
			ZN	53.	ppm	MDK	24-AUG-00	6010
L000982-054	14-JUN-00	B-74 (8.5)	TL	2.0*	ppm	MDK	24-AUG-00	6010
			ZN	41.	ppm	MDK	24-AUG-00	6010
L000982-055	14-JUN-00	B-74 (11.5)	TL	3.0*	ppm	MDK	25-AUG-00	6010
			ZN	31.	ppm	MDK	25-AUG-00	6010
L000982-056	14-JUN-00	B-74 (14.5)	TL	3.0*	ppm	MDK	25-AUG-00	6010
			ZN	45.	ppm	MDK	25-AUG-00	6010
L000982-057	14-JUN-00	B-74 (17.5)	TL	2.0*	ppm	MDK	25-AUG-00	6010
			ZN	42.	ppm	MDK	25-AUG-00	6010
L000982-058	14-JUN-00	B-74 (20.5-21)	TL	2.0*	ppm	MDK	25-AUG-00	6010
			ZN	41.	ppm	MDK	25-AUG-00	6010
L000982-059	14-JUN-00	B-71 (2-2.5)	AG	<0.5	ppm	MDK	24-AUG-00	6010
			CO	5.	ppm	MDK	25-AUG-00	6010
			CR	11.	ppm	MDK	25-AUG-00	6010
			CU	20.	ppm	MDK	25-AUG-00	6010
			MN	284.	ppm	MDK	25-AUG-00	6010
			TL	<1.*	ppm	MDK	25-AUG-00	6010
			ZN	130.	ppm	MDK	25-AUG-00	6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000982-060	14-JUN-00	B-71 (5.5)	CU	11.	ppm	MDK	25-AUG-00	6010
			ZN	118.	ppm	MDK	25-AUG-00	6010
L000982-061	14-JUN-00	B-71 (8.5)	ZN	34.	ppm	MDK	25-AUG-00	6010
L000982-062	14-JUN-00	B-71 (11.5)	ZN	24.	ppm	MDK	25-AUG-00	6010
L000982-063	14-JUN-00	B-71 (14.5)	ZN	20.	ppm	MDK	25-AUG-00	6010
L000982-064	14-JUN-00	B-71 (17.5)	ZN	48.	ppm	MDK	25-AUG-00	6010
L000982-065	14-JUN-00	B-71 (20.5)	ZN	44.	ppm	MDK	25-AUG-00	6010
L000982-066	14-JUN-00	B-71 (22.5-23)	ZN	24.	ppm	MDK	25-AUG-00	6010

All Sb, Se, and Tl results may be biased low based on the spike recoveries for these elements.
LCS recoveries for all parameters were acceptable.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8212)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-1		Matrix Spike	AG	94	%Recovery	MDK	24-AUG-00		6010
			AS	80	%Recovery	MDK	24-AUG-00		6010
			BA	80	%Recovery	MDK	24-AUG-00		6010
			BI	86	%Recovery	MDK	24-AUG-00		6010
			CD	78	%Recovery	MDK	24-AUG-00		6010
			CN-	82	%Recovery	DC	28-JUN-00		335.2
			CO	80	%Recovery	MDK	24-AUG-00		6010
			CR	89	%Recovery	MDK	24-AUG-00		6010
			CU	100	%Recovery	MDK	24-AUG-00		6010
			HG	96	%Recovery	EH	07-JUL-00		7471
			MN	76	%Recovery	MDK	24-AUG-00		6010
			NI	82	%Recovery	MDK	24-AUG-00		6010
			PB	81	%Recovery	MDK	24-AUG-00		6010
			SB	48*	%Recovery	MDK	24-AUG-00		6010
			SE	63*	%Recovery	MDK	24-AUG-00		6010
			SN	84	%Recovery	MDK	24-AUG-00		6010
			TL	74*	%Recovery	MDK	24-AUG-00		6010
			V	91	%Recovery	MDK	24-AUG-00		6010
			ZN	81	%Recovery	MDK	24-AUG-00		6010
WG000520-2		Prep Blank	AG	<0.5	ppm	MDK	24-AUG-00		6010
			AS	<5.0	ppm	MDK	24-AUG-00		6010
			BA	<5.0	ppm	MDK	24-AUG-00		6010
			BI	<4.0	ppm	MDK	24-AUG-00		6010
			CD	<1.0	ppm	MDK	24-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	<5.0	ppm	MDK	24-AUG-00		6010
			CR	<5.0	ppm	MDK	24-AUG-00		6010
			CU	<5.0	ppm	MDK	24-AUG-00		6010
			HG	<0.05	ppm	EH	07-JUL-00		7471
			MN	<5.0	ppm	MDK	24-AUG-00		6010
			NI	<5.0	ppm	MDK	24-AUG-00		6010
			PB	<5.0	ppm	MDK	24-AUG-00		6010
			SB	<0.80	ppm	MDK	24-AUG-00		6010
			SE	<0.80	ppm	MDK	24-AUG-00		6010
			SN	<5.0	ppm	MDK	24-AUG-00		6010
			TL	<1.0	ppm	MDK	24-AUG-00		6010
			V	<5.0	ppm	MDK	24-AUG-00		6010
			ZN	<5.0	ppm	MDK	24-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8212)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-3		Lab Control Sample	AG	101	%Recovery	MDK	24-AUG-00		6010
			AS	95	%Recovery	MDK	24-AUG-00		6010
			BA	100	%Recovery	MDK	24-AUG-00		6010
			BI	87	%Recovery	MDK	24-AUG-00		6010
			CD	96	%Recovery	MDK	24-AUG-00		6010
			CN-	92	%Recovery	DC	28-JUN-00		335.2
			CO	95	%Recovery	MDK	24-AUG-00		6010
			CR	99	%Recovery	MDK	24-AUG-00		6010
			CU	107	%Recovery	MDK	24-AUG-00		6010
			HG	110	%Recovery	EH	07-JUL-00		7471
			MN	96	%Recovery	MDK	24-AUG-00		6010
			NI	96	%Recovery	MDK	24-AUG-00		6010
			PB	96	%Recovery	MDK	24-AUG-00		6010
			SB	124**	%Recovery	MDK	24-AUG-00		6010
			SE	73**	%Recovery	MDK	24-AUG-00		6010
			SN	106	%Recovery	MDK	24-AUG-00		6010
			TL	99	%Recovery	MDK	24-AUG-00		6010
			V	100	%Recovery	MDK	24-AUG-00		6010
			ZN	87	%Recovery	MDK	24-AUG-00		6010
WG000520-4		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8212)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-5		Matrix Spike Duplicate	AG	2.1	% RPD	MDK	24-AUG-00		6010
			AS	1.2	% RPD	MDK	24-AUG-00		6010
			BA	1.5	% RPD	MDK	24-AUG-00		6010
			BI	1.7	% RPD	MDK	24-AUG-00		6010
			CD	1	% RPD	MDK	24-AUG-00		6010
			CN-	1.6	% RPD	DC	28-JUN-00		335.2
			CO	1.9	% RPD	MDK	24-AUG-00		6010
			CR	3	% RPD	MDK	24-AUG-00		6010
			CU	3	% RPD	MDK	24-AUG-00		6010
			HG	<1	% RPD	EH	07-JUL-00		7471
			MN	2.3	% RPD	MDK	24-AUG-00		6010
			NI	1	% RPD	MDK	24-AUG-00		6010
			PB	1.6	% RPD	MDK	24-AUG-00		6010
			SB	1.7	% RPD	MDK	24-AUG-00		6010
			SE	1.2	% RPD	MDK	24-AUG-00		6010
			SN	<1	% RPD	MDK	24-AUG-00		6010
			TL	3	% RPD	MDK	24-AUG-00		6010
			V	2.7	% RPD	MDK	24-AUG-00		6010
			ZN	2.8	% RPD	MDK	24-AUG-00		6010
WG000520-6		Matrix Spike	AG	94	%Recovery	MDK	24-AUG-00		6010
			AS	77	%Recovery	MDK	24-AUG-00		6010
			BA	83	%Recovery	MDK	24-AUG-00		6010
			BI	86	%Recovery	MDK	24-AUG-00		6010
			CD	77	%Recovery	MDK	24-AUG-00		6010
			CO	79	%Recovery	MDK	24-AUG-00		6010
			CR	91	%Recovery	MDK	24-AUG-00		6010
			CU	101	%Recovery	MDK	24-AUG-00		6010
			HG	88	%Recovery	EH	07-JUL-00		7471
			MN	92	%Recovery	MDK	24-AUG-00		6010
			NI	80	%Recovery	MDK	24-AUG-00		6010
			PB	78	%Recovery	MDK	24-AUG-00		6010
			SB	48*	%Recovery	MDK	24-AUG-00		6010
			SE	61*	%Recovery	MDK	24-AUG-00		6010
			SN	82	%Recovery	MDK	24-AUG-00		6010
			TL	72*	%Recovery	MDK	24-AUG-00		6010
			V	93	%Recovery	MDK	24-AUG-00		6010
			ZN	97	%Recovery	MDK	24-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8201)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-7		Prep Blank	AG	<0.5	ppm	MDK	24-AUG-00		6010
			AS	<5.0	ppm	MDK	24-AUG-00		6010
			BA	<5.0	ppm	MDK	24-AUG-00		6010
			BI	<4.0	ppm	MDK	24-AUG-00		6010
			CD	<1.0	ppm	MDK	24-AUG-00		6010
			CO	<5.0	ppm	MDK	24-AUG-00		6010
			CR	5.0	ppm	MDK	24-AUG-00		6010
			CU	<5.0	ppm	MDK	24-AUG-00		6010
			HG	<0.05	ppm	EH	07-JUL-00		7471
			MN	<5.0	ppm	MDK	24-AUG-00		6010
			NI	<5.0	ppm	MDK	24-AUG-00		6010
			PB	<5.0	ppm	MDK	24-AUG-00		6010
			SB	<0.80	ppm	MDK	24-AUG-00		6010
			SE	<0.80	ppm	MDK	24-AUG-00		6010
			SN	<5.0	ppm	MDK	24-AUG-00		6010
			TL	<1.0	ppm	MDK	24-AUG-00		6010
			V	<5.0	ppm	MDK	24-AUG-00		6010
			ZN	<5.0	ppm	MDK	24-AUG-00		6010
WG000520-8		Lab Control Sample	AG	107	%Recovery	MDK	24-AUG-00		6010
			AS	95	%Recovery	MDK	24-AUG-00		6010
			BA	103	%Recovery	MDK	24-AUG-00		6010
			BI	93	%Recovery	MDK	24-AUG-00		6010
			CD	100	%Recovery	MDK	24-AUG-00		6010
			CO	102	%Recovery	MDK	24-AUG-00		6010
			CR	103	%Recovery	MDK	24-AUG-00		6010
			CU	113	%Recovery	MDK	24-AUG-00		6010
			HG	110	%Recovery	EH	07-JUL-00		7471
			MN	110	%Recovery	MDK	24-AUG-00		6010
			NI	102	%Recovery	MDK	24-AUG-00		6010
			PB	97	%Recovery	MDK	24-AUG-00		6010
			SB	123**	%Recovery	MDK	24-AUG-00		6010
			SE	76	%Recovery	MDK	24-AUG-00		6010
			SN	109	%Recovery	MDK	24-AUG-00		6010
			TL	103	%Recovery	MDK	24-AUG-00		6010
			V	107	%Recovery	MDK	24-AUG-00		6010
			ZN	94	%Recovery	MDK	24-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8201)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-9		Matrix Spike Duplicate	AG	2.9	% RPD	MDK	24-AUG-00		6010
			AS	1.3	% RPD	MDK	24-AUG-00		6010
			BA	1.2	% RPD	MDK	24-AUG-00		6010
			BI	<1	% RPD	MDK	24-AUG-00		6010
			CD	2.9	% RPD	MDK	24-AUG-00		6010
			CO	1.3	% RPD	MDK	24-AUG-00		6010
			CR	2.4	% RPD	MDK	24-AUG-00		6010
			CU	1.5	% RPD	MDK	24-AUG-00		6010
			HG	<1	% RPD	EH	07-JUL-00		7471
			MN	2.4	% RPD	MDK	24-AUG-00		6010
			NI	1.1	% RPD	MDK	24-AUG-00		6010
			PB	<1	% RPD	MDK	24-AUG-00		6010
			SB	2.9	% RPD	MDK	24-AUG-00		6010
			SE	<1	% RPD	MDK	24-AUG-00		6010
			SN	1.8	% RPD	MDK	24-AUG-00		6010
			TL	2.4	% RPD	MDK	24-AUG-00		6010
			V	2.5	% RPD	MDK	24-AUG-00		6010
			ZN	7.6	% RPD	MDK	24-AUG-00		6010
WG000520-10		Reporting Limitr	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			CU	5.0	ppm				6010
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000520-12		Matrix Spike	AG	99	%Recovery		25-AUG-00		6010
			AS	82	%Recovery	MDK	24-AUG-00		6010
			BA	83	%Recovery	MDK	24-AUG-00		6010
			BI	90	%Recovery	MDK	24-AUG-00		6010
			CD	80	%Recovery	MDK	24-AUG-00		6010
			CO	83	%Recovery	MDK	24-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8201)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-12		Matrix Spike	CR	97	%Recovery	MDK	24-AUG-00		6010
			CU	107	%Recovery	MDK	24-AUG-00		6010
			MN	97	%Recovery	MDK	24-AUG-00		6010
			NI	84	%Recovery	MDK	24-AUG-00		6010
			PB	83	%Recovery	MDK	24-AUG-00		6010
			SB	45*	%Recovery	MDK	24-AUG-00		6010
			SE	65*	%Recovery	MDK	24-AUG-00		6010
			SN	85	%Recovery	MDK	24-AUG-00		6010
			TL	76*	%Recovery	MDK	24-AUG-00		6010
			V	97	%Recovery	MDK	24-AUG-00		6010
			ZN	94	%Recovery	MDK	24-AUG-00		6010
WG000520-13		Prep Blank	AG	<0.5	ppm		25-AUG-00		6010
			AS	<5.0	ppm	MDK	24-AUG-00		6010
			BA	<5.0	ppm	MDK	24-AUG-00		6010
			BI	<4.0	ppm	MDK	24-AUG-00		6010
			CD	<1.0	ppm	MDK	24-AUG-00		6010
			CO	<5.0	ppm	MDK	24-AUG-00		6010
			CR	<5.0	ppm	MDK	24-AUG-00		6010
			CU	<5.0	ppm	MDK	24-AUG-00		6010
			MN	<5.0	ppm	MDK	24-AUG-00		6010
			NI	<5.0	ppm	MDK	24-AUG-00		6010
			PB	<5.0	ppm	MDK	24-AUG-00		6010
			SB	<0.80	ppm	MDK	24-AUG-00		6010
			SE	<0.80	ppm	MDK	24-AUG-00		6010
			SN	<5.0	ppm	MDK	24-AUG-00		6010
			TL	<1.0	ppm	MDK	24-AUG-00		6010
			V	<5.0	ppm	MDK	24-AUG-00		6010
			ZN	<5.0	ppm	MDK	24-AUG-00		6010
WG000520-14		Lab Control Sample	AG	100	%Recovery		25-AUG-00		6010
			AS	93	%Recovery	MDK	24-AUG-00		6010
			BA	102	%Recovery	MDK	24-AUG-00		6010
			BI	90	%Recovery	MDK	24-AUG-00		6010
			CD	96	%Recovery	MDK	24-AUG-00		6010
			CO	96	%Recovery	MDK	24-AUG-00		6010
			CR	101	%Recovery	MDK	24-AUG-00		6010
			CU	110	%Recovery	MDK	24-AUG-00		6010
			MN	96	%Recovery	MDK	24-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8201)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-14		Lab Control Sample	NI	97	%Recovery	MDK	24-AUG-00		6010
			PB	96	%Recovery	MDK	24-AUG-00		6010
			SB	124**	%Recovery	MDK	24-AUG-00		6010
			SE	71**	%Recovery	MDK	24-AUG-00		6010
			SN	104	%Recovery	MDK	24-AUG-00		6010
			TL	102	%Recovery	MDK	24-AUG-00		6010
			V	102	%Recovery	MDK	24-AUG-00		6010
			ZN	88	%Recovery	MDK	24-AUG-00		6010
WG000520-15		Matrix Spike Duplicate	AG	2.5	% RPD		25-AUG-00		6010
			AS	4.6	% RPD	MDK	24-AUG-00		6010
			BA	2.6	% RPD	MDK	24-AUG-00		6010
			BI	6.9	% RPD	MDK	24-AUG-00		6010
			CD	3.7	% RPD	MDK	24-AUG-00		6010
			CO	2.6	% RPD	MDK	24-AUG-00		6010
			CR	4.3	% RPD	MDK	24-AUG-00		6010
			CU	2.3	% RPD	MDK	24-AUG-00		6010
			MN	5.4	% RPD	MDK	24-AUG-00		6010
			NI	3	% RPD	MDK	24-AUG-00		6010
			PB	2.1	% RPD	MDK	24-AUG-00		6010
			SB	3.6	% RPD	MDK	24-AUG-00		6010
			SE	4.4	% RPD	MDK	24-AUG-00		6010
			SN	3.5	% RPD	MDK	24-AUG-00		6010
			TL	2.3	% RPD	MDK	24-AUG-00		6010
			V	4.2	% RPD	MDK	24-AUG-00		6010
			ZN	8.3	% RPD	MDK	24-AUG-00		6010
WG000520-16		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8201)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-16		Reporting Limit	SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000520-18		Matrix Spike	AG	96	%Recovery		25-AUG-00		6010
			AS	81	%Recovery	MDK	25-AUG-00		6010
			BA	87	%Recovery	MDK	25-AUG-00		6010
			BI	92	%Recovery	MDK	25-AUG-00		6010
			CD	80	%Recovery	MDK	25-AUG-00		6010
			CO	84	%Recovery	MDK	25-AUG-00		6010
			CR	94	%Recovery	MDK	25-AUG-00		6010
			CU	104	%Recovery	MDK	25-AUG-00		6010
			MN	96	%Recovery	MDK	25-AUG-00		6010
			NI	85	%Recovery	MDK	25-AUG-00		6010
			PB	84	%Recovery	MDK	25-AUG-00		6010
			SB	51*	%Recovery	MDK	25-AUG-00		6010
			SE	63*	%Recovery	MDK	25-AUG-00		6010
			SN	86	%Recovery	MDK	25-AUG-00		6010
			TL	77*	%Recovery	MDK	25-AUG-00		6010
			V	96	%Recovery	MDK	25-AUG-00		6010
			ZN	87	%Recovery	MDK	25-AUG-00		6010
WG000520-19		Prep Blank	AG	<0.5	ppm		25-AUG-00		6010
			AS	<5.0	ppm	MDK	25-AUG-00		6010
			BA	<5.0	ppm	MDK	25-AUG-00		6010
			BI	<4.0	ppm	MDK	25-AUG-00		6010
			CD	<1.0	ppm	MDK	25-AUG-00		6010
			CO	<5.0	ppm	MDK	25-AUG-00		6010
			CR	<5.0	ppm	MDK	25-AUG-00		6010
			CU	<5.0	ppm	MDK	25-AUG-00		6010
			MN	<5.0	ppm	MDK	25-AUG-00		6010
			NI	<5.0	ppm	MDK	25-AUG-00		6010
			PB	<5.0	ppm	MDK	25-AUG-00		6010
			SB	<0.80	ppm	MDK	25-AUG-00		6010
			SE	<0.80	ppm	MDK	25-AUG-00		6010
			SN	<5.0	ppm	MDK	25-AUG-00		6010
			TL	<1.0	ppm	MDK	25-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8201)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-19		Prep Blank	V	<5.0	ppm	MDK	25-AUG-00		6010
			ZN	<5.0	ppm	MDK	25-AUG-00		6010
WG000520-20		Lab Control Sample	AG	104	%Recovery		25-AUG-00		6010
			AS	93	%Recovery	MDK	25-AUG-00		6010
			BA	103	%Recovery	MDK	25-AUG-00		6010
			BI	92	%Recovery	MDK	25-AUG-00		6010
			CD	98	%Recovery	MDK	25-AUG-00		6010
			CO	99	%Recovery	MDK	25-AUG-00		6010
			CR	103	%Recovery	MDK	25-AUG-00		6010
			CU	111	%Recovery	MDK	25-AUG-00		6010
			MN	101	%Recovery	MDK	25-AUG-00		6010
			NI	101	%Recovery	MDK	25-AUG-00		6010
			PB	97	%Recovery	MDK	25-AUG-00		6010
			SB	120	%Recovery	MDK	25-AUG-00		6010
			SE	72**	%Recovery	MDK	25-AUG-00		6010
			SN	108	%Recovery	MDK	25-AUG-00		6010
			TL	98	%Recovery	MDK	25-AUG-00		6010
			V	105	%Recovery	MDK	25-AUG-00		6010
			ZN	90	%Recovery	MDK	25-AUG-00		6010
WG000520-21		Matrix Spike Duplicate	AG	<1	% RPD		25-AUG-00		6010
			AS	1.2	% RPD	MDK	25-AUG-00		6010
			BA	1.3	% RPD	MDK	25-AUG-00		6010
			BI	<1	% RPD	MDK	25-AUG-00		6010
			CD	1.2	% RPD	MDK	25-AUG-00		6010
			CO	<1	% RPD	MDK	25-AUG-00		6010
			CR	1.6	% RPD	MDK	25-AUG-00		6010
			CU	<1	% RPD	MDK	25-AUG-00		6010
			MN	1.6	% RPD	MDK	25-AUG-00		6010
			NI	<1	% RPD	MDK	25-AUG-00		6010
			PB	<1	% RPD	MDK	25-AUG-00		6010
			SB	4.7	% RPD	MDK	25-AUG-00		6010
			SE	1	% RPD	MDK	25-AUG-00		6010
			SN	1	% RPD	MDK	25-AUG-00		6010
			TL	<1	% RPD	MDK	25-AUG-00		6010
			V	1.3	% RPD	MDK	25-AUG-00		6010
			ZN	<1	% RPD	MDK	25-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8201)

Batch No: WG000520

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000520-22		Reporting Limit	AG	0.5	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010

Sb, Se, and Tl results may be biased low based on spike recoveries for these elements.
(**) Double asterisks near Sb and Se LCS results indicate that those values were within 95% confidence interval for this (ERA 244) QC Standard.

Approved

Reviewer

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 5

Project Number/Name CC000692.0001

Project Location ENVILLE, Corpus Christi, TX

Laboratory ASARCO, Salt Lake City, UTAH

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total Sb, As, Ba, Cd, Cr, Co, Cu, CN, Pb	Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (16 oz glass jar w/ Teflon lined lid)	Remarks	Total
B-100 (0-0.5)	S	6/13/00 830		1			1
B-100 (2-2.5)	S	833		1 (HOLD)			1
B-100 (5.5)	S	840		1 (HOLD)			1
B-100 (8.5)	S	845		1 (HOLD)			1
B-100 (11.5)	S	850		1 (HOLD)			1
B-100 (14.5-15)	S	855		1 (HOLD)			1
B-104 (0-0.5)	S	935		1			1
B-104 (2-2.5)	S	937		1 (HOLD)			1
B-104 (5.5)	S	941		1 (HOLD)			1
B104 (8.5)	S	948		1 (HOLD)			1
B104 (11.5)	S	951		1 (HOLD)			1
B104 (14.5)	S	955		1 (HOLD)			1
B104 (15.5-16)	S	958		1 (HOLD)			1

Total No. of Bottles/ Containers: 13

Sample Matrix: L = Liquid; S = Solid; A = Air

					Seal Intact?
Relinquished by: Ken Brandner	Organization: ARCADIS	Date 6/13/00	Time 1800		
Received by: FEDEX	Organization: ASARCO	Date 6/14/00	Time		Yes No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: (See Table G-1 in RFI work plan quality assurance plan for test methods - attached)
Analyze 0-0.5 depth soil samples for all parameters, hold deeper samples until notified by ARCADIS
Results to Ken Brandner - 361-883-1355

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AC 05 0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 5

Project Number/Name Exxon 6M7.0001

Project Location Euless, TX

Laboratory ASARCO, Salt Lake City, UT Att

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb	Mn, Hg, Ni, Se, Ag, Tl	Sn, V, Zn	(16 oz glass jar w/ teflon lid	Remarks	Total
B35 (0-0.5)	S	6/13/00 1007		1					1
B35 (2-2.5)		1009		1	HOLD				1
B35 (5.5)		1015		1	HOLD				1
B35 (8.5)		1022		1	HOLD				1
B35 (11.5)		1024		1	HOLD				1
B35 (14.5)		1030		1	HOLD				1
B35 (16.5-17)		1045		1	HOLD				1
B36 (0-0.5)		1108		1					1
B36 (2-2.5)		1110		1	HOLD				1
B36 (5.5)		1114		1	HOLD				1
B36 (8.5)		1120		1	HOLD				1
B36 (11.5)		1123		1	HOLD				1
B36 (12.5-13)	↓	↓ 1125		1	HOLD				1

Total No. of Bottles/ Containers 13

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: [signature]	Organization: ARCADIS	Date 6/13/00	Time 1500	Seal Intact?	
Received by: [signature]	Organization: ASARCO	Date 6/14/00	Time	(Yes) No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 3 of 5

Project Number/Name CCCCCA2.0001

Project Location ENCINO, Corpus Christi, TX

Laboratory ASARCO Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Be, Bi, Cd, Cr, Co, Cu, CN, Pb	Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn	(16 oz glass jar w/teflon lined lid				Remarks	Total
B37 (0-0.5)	S	6/13/00 1320		1							1
B37 (2-2.5)	S	1325		1	HOLD						1
B37 (5.5)	S	1330		1	HOLD						1
B37 (8.5)	S	1335		1	HOLD						1
B37 (11.5)	S	1337		1	HOLD						1
(BH) B37 [illegible]	S										
B37 (13.14)	S	1345		1	HOLD						1
B35 (0-0.5)	S	1405		1							1
B35 (2-2.5)	S	1407		1	HOLD						1
B35 (5.5)	S	1410		1	HOLD						1
B35 (8.5)	S	1425		1	HOLD						1
B35 (11.5)	S	1427		1	HOLD						1
B35 (14.5)	S	1430		1	HOLD						1
B35 (17.5-18)	S	1440		1	HOLD						1

Total No. of Bottles/Containers: 13

Sample Matrix: L = Liquid; S = Solid; A = Air

					Seal Intact?
Relinquished by: Bryan Family	Organization: ARCADIS	Date 6/13/00	Time 1800		
Received by: [illegible]	Organization: ASARCO	Date 6/14/00	Time		Yes No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: See page 1

Delivery Method: ☐ In Person ☑ Common Carrier FedEx (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 4 of 5

Project Number/Name 60000647.0001
Project Location Bryan/e, Corpus Christi, TX
Laboratory ASARCO, Salt Lake City UT
Project Manager Ken Brandner
Sampler(s)/Affiliation BH / ASARCO

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL Sb, As, Ba, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (16 oz glass jar w/Teflon lined lid)							Remarks	Total
B39 (0-0.5)	S	6/13/00 1500		1								1
B39 (2.5)	S	1503		1	HOLD							1
B39 (5.5)	S	1510		1	HOLD							1
B39 (8.5)	S	1517		1	HOLD							1
B39 (11.5)	S	1520		1	HOLD							1
B39 (14.5)	S	1525		1	HOLD							1
B39 (16-16.5)	S	1540		1	HOLD							1
B40 (0-0.5)	S	1600		1								1
B40 (2-2.5)	S	1603		1	HOLD							1
B40 (5.5)	S	1607		1	HOLD							1
B40 (8.5)	S	1615		1	HOLD							1
B40 (11.5)	S	1618		1	HOLD							1
B40 (14.5)	S	1620		1	HOLD							1
B40 (17-17.5)	S	1630		1	HOLD							1

Sample Matrix: L = Liquid; S = Solid; A = Air Total No. of Bottles/ Containers 14

					Seal Intact?
Relinquished by: Brian Hurley	Organization: ARCADIS	Date 6/13/00	Time 1800		
Received by: FedEx	Organization: ASARCO	Date 6/14/00	Time		Yes No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier FedEx (SPECIFY) ☐ Lab Courier ☐ Other (SPECIFY)

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 5 of 5

Project Number/Name 6000642.0001

Project Location Encinal Corpus Christi, TX

Laboratory ASARCO, Salt Lake City Utah

Project Manager Ken Brantner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb	Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (16 oz glass jar w/Teflon lined lid)					Remarks	Total
FIELD BLANK	L	6/13/00 1300		1							1
DUPLICATE 4	S	—		1							1
DUPLICATE 5	S	—		1							1
DUPLICATE 6	S	—		1							1
EQUIPMENT 4	L	1050		1							1
EQUIPMENT 5	L	1430		1							1
EQUIPMENT 6	L	1645		1							1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 7

					Seal Intact?
Relinquished by: Burghardt	Organization: ARCADIS	Date 6/13/00	Time 1800		
Received by: Mattie	Organization: ASARCO	Date 6/14/00	Time _____		Yes No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier FedEx SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ASARCO

September 14, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results for (13), thirteen soil samples collected on June 16, 2000 in association with the Encycle Project # CC000642.0001 and received by the laboratory on June 20, 2000.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000945

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000945-001	16-JUN-00	B139 (0-0.5)	AG	3.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	170.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	30.	ppm	MDK	10-AUG-00		6010
			CU	5.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	05-JUL-00		7471
			MN	151.	ppm	MDK	10-AUG-00		6010
			MOIST.	7.2	%	MJF	28-JUN-00		GRAV.
			NI	14.	ppm	MDK	10-AUG-00		6010
			PB	<5.	ppm	MDK	10-AUG-00		6010
			SB	1.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	7.	ppm	MDK	10-AUG-00		6010
			ZN	45.*	ppm	MDK	10-AUG-00		6010
L000945-002	16-JUN-00	DUPLICATE 12 (0-0.5)	AG	2.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	149.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	3.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	27.	ppm	MDK	10-AUG-00		6010
			CU	16.	ppm	MDK	10-AUG-00		6010
			HG	2.5*	ppm	EH	05-JUL-00		7471
			MN	245.	ppm	MDK	10-AUG-00		6010
			MOIST.	5.7	%	MJF	28-JUN-00		GRAV.
			NI	13.	ppm	MDK	10-AUG-00		6010
			PB	42.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000945

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000945-002	16-JUN-00	DUPLICATE 12 (0-0.5)	V	13.	ppm	MDK	10-AUG-00		6010
			ZN	254.*	ppm	MDK	10-AUG-00		6010
L000945-003	16-JUN-00	B133 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	6.	ppm	MDK	10-AUG-00		6010
			BA	856.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	2.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	78.	ppm	MDK	10-AUG-00		6010
			CU	27.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	05-JUL-00		7471
			MN	252.	ppm	MDK	10-AUG-00		6010
			MOIST.	7.7	%	MJF	28-JUN-00		GRAV.
			NI	37.	ppm	MDK	10-AUG-00		6010
			PB	35.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	2.	ppm	MDK	10-AUG-00		6010
			V	23.	ppm	MDK	10-AUG-00		6010
			ZN	250.*	ppm	MDK	10-AUG-00		6010
L000945-004	16-JUN-00	B136 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	165.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	3.	ppm	MDK	10-AUG-00		6010
			CN-	0.06	ppm	DC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	21.	ppm	MDK	10-AUG-00		6010
			CU	24.	ppm	MDK	10-AUG-00		6010
			HG	0.19*	ppm	EH	05-JUL-00		7471
			MN	224.	ppm	MDK	10-AUG-00		6010
			MOIST.	8.4	%	MJF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	46.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000945

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000945-004	16-JUN-00	B136 (0-0.5)	SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	13.	ppm	MDK	10-AUG-00		6010
			ZN	250.*	ppm	MDK	10-AUG-00		6010
L000945-005	16-JUN-00	B131 (0-0.5)	AG	2.	ppm	MDK	10-AUG-00		6010
			AS	5.	ppm	MDK	10-AUG-00		6010
			BA	448.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	3.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	10.	ppm	MDK	10-AUG-00		6010
			CR	141.	ppm	MDK	10-AUG-00		6010
			CU	19.	ppm	MDK	10-AUG-00		6010
			HG	0.19*	ppm	EH	05-JUL-00		7471
			MN	127.	ppm	MDK	10-AUG-00		6010
			MOIST.	4.2	%	MJF	28-JUN-00		GRAV.
			NI	64.	ppm	MDK	10-AUG-00		6010
			PB	22.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	8.	ppm	MDK	10-AUG-00		6010
			ZN	194.*	ppm	MDK	10-AUG-00		6010
L000945-006	16-JUN-00	B138 (0-0.5)	AG	3.	ppm	MDK	10-AUG-00		6010
			AS	7.	ppm	MDK	10-AUG-00		6010
			BA	376.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	18.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	12.	ppm	MDK	10-AUG-00		6010
			CR	121.	ppm	MDK	10-AUG-00		6010
			CU	66.	ppm	MDK	10-AUG-00		6010
			HG	0.87*	ppm	EH	05-JUL-00		7471
			MN	204.	ppm	MDK	10-AUG-00		6010
			MOIST.	9.2	%	MJF	28-JUN-00		GRAV.

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000945

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000945-006	16-JUN-00	B138 (0-0.5)	NI	57.	ppm	MDK	10-AUG-00		6010
			PB	164.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	2.	ppm	MDK	10-AUG-00		6010
			SN	6.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	10.	ppm	MDK	10-AUG-00		6010
			ZN	1750.*	ppm	MDK	10-AUG-00		6010
L000945-007	16-JUN-00	B130 (0-0.5)	AG	2.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	349.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	5.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	20.	ppm	MDK	10-AUG-00		6010
			CU	38.	ppm	MDK	10-AUG-00		6010
			HG	0.07*	ppm	EH	05-JUL-00		7471
			MN	242.	ppm	MDK	10-AUG-00		6010
			MOIST.	13.	%	MJF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	52.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	17.	ppm	MDK	10-AUG-00		6010
			ZN	607.*	ppm	MDK	10-AUG-00		6010
L000945-008	16-JUN-00	B137 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	5.	ppm	MDK	10-AUG-00		6010
			BA	286.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	2.	ppm	MDK	10-AUG-00		6010
			CN-	0.21	ppm	DC	28-JUN-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	28.	ppm	MDK	10-AUG-00		6010
			CU	25.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000945

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000945-008	16-JUN-00	B137 (0-0.5)	HG	<0.05*	ppm	EH	05-JUL-00		7471
			MN	418.	ppm	MDK	10-AUG-00		6010
			MOIST.	13.	%	MJF	28-JUN-00		GRAV.
			NI	17.	ppm	MDK	10-AUG-00		6010
			PB	32.	ppm	MDK	10-AUG-00		6010
			SB	4.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	7.	ppm	MDK	10-AUG-00		6010
			V	35.	ppm	MDK	10-AUG-00		6010
			ZN	208.*	ppm	MDK	10-AUG-00		6010
L000945-009	16-JUN-00	B134 (0-0.5)	AG	2.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	304.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	17.	ppm	MDK	10-AUG-00		6010
			CU	12.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	05-JUL-00		7471
			MN	235.	ppm	MDK	10-AUG-00		6010
			MOIST.	6.7	%	MJF	28-JUN-00		GRAV.
			NI	9.	ppm	MDK	10-AUG-00		6010
			PB	26.	ppm	MDK	10-AUG-00		6010
			SB	4.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	4.	ppm	MDK	10-AUG-00		6010
			V	17.	ppm	MDK	10-AUG-00		6010
			ZN	124.*	ppm	MDK	10-AUG-00		6010
L000945-010	16-JUN-00	DUPLICATE 13 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	238.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	3.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000945

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000945-010	16-JUN-00	DUPLICATE 13 (0-0.5)	CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	23.	ppm	MDK	10-AUG-00		6010
			CU	32.	ppm	MDK	10-AUG-00		6010
			HG	0.18*	ppm	EH	05-JUL-00		7471
			MN	183.	ppm	MDK	10-AUG-00		6010
			MOIST.	6.1	%	MJF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	10-AUG-00		6010
			PB	77.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	2.	ppm	MDK	10-AUG-00		6010
			V	17.	ppm	MDK	10-AUG-00		6010
			ZN	241.*	ppm	MDK	10-AUG-00		6010
L000945-011	16-JUN-00	DUPLICATE 14 (0-0.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	310.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	0.04	ppm	DC	28-JUN-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	18.	ppm	MDK	10-AUG-00		6010
			CU	13.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	05-JUL-00		7471
			MN	387.	ppm	MDK	10-AUG-00		6010
			MOIST.	17.	%	MJF	28-JUN-00		GRAV.
			NI	13.	ppm	MDK	10-AUG-00		6010
			PB	14.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	2.	ppm	MDK	10-AUG-00		6010
			V	28.	ppm	MDK	10-AUG-00		6010
			ZN	81.*	ppm	MDK	10-AUG-00		6010
L000945-012	16-JUN-00	B135 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	461.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000945

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000945-012	16-JUN-00	B135 (0-0.5)	BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	3.	ppm	MDK	10-AUG-00		6010
			CN-	0.05	ppm	DC	28-JUN-00		335.2
			CO	5.	ppm	MDK	10-AUG-00		6010
			CR	18.	ppm	MDK	10-AUG-00		6010
			CU	19.	ppm	MDK	10-AUG-00		6010
			HG	0.08*	ppm	EH	05-JUL-00		7471
			MN	345.	ppm	MDK	10-AUG-00		6010
			MOIST.	13.	%	MJF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	40.	ppm	MDK	10-AUG-00		6010
			SB	4.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	21.	ppm	MDK	10-AUG-00		6010
			ZN	286.	ppm	MDK	10-AUG-00		6010
L000945-013	16-JUN-00	B132 (0-0.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	263.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	0.08	ppm	DC	28-JUN-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	13.	ppm	MDK	10-AUG-00		6010
			CU	15.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	05-JUL-00		7471
			MN	373.	ppm	MDK	10-AUG-00		6010
			MOIST.	16.	%	MJF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	15.	ppm	MDK	10-AUG-00		6010
			SB	3.8*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	1.	ppm	MDK	10-AUG-00		6010
			V	20.	ppm	MDK	10-AUG-00		6010
			ZN	90.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000945

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD

(*) : Quality control data indicates a possible bias. See QC report for details.
Results are reported on a dry wieght basis except for CN-Hg which are on an as received basis.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000519

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000519-1		Matrix Spike	AG	102	%Recovery	MDK	10-AUG-00		6010
			AS	95	%Recovery	MDK	10-AUG-00		6010
			BA	91	%Recovery	MDK	10-AUG-00		6010
			BI	92	%Recovery	MDK	10-AUG-00		6010
			CD	88	%Recovery	MDK	10-AUG-00		6010
			CN-	82	%Recovery	DC	28-JUN-00		335.2
			CO	92	%Recovery	MDK	10-AUG-00		6010
			CR	121	%Recovery	MDK	10-AUG-00		6010
			CU	106	%Recovery	MDK	10-AUG-00		6010
			HG	80	%Recovery	EH	05-JUL-00		7471
			MN	97	%Recovery	MDK	10-AUG-00		6010
			NI	93	%Recovery	MDK	10-AUG-00		6010
			PB	89	%Recovery	MDK	10-AUG-00		6010
			SB	63*	%Recovery	MDK	10-AUG-00		6010
			SE	79	%Recovery	MDK	10-AUG-00		6010
			SN	90	%Recovery	MDK	10-AUG-00		6010
			TL	79	%Recovery	MDK	10-AUG-00		6010
			V	99	%Recovery	MDK	10-AUG-00		6010
			ZN	74*	%Recovery	MDK	10-AUG-00		6010
WG000519-2		Prep Blank	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	<5.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	<5.	ppm	MDK	10-AUG-00		6010
			CU	<5.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	<5.	ppm	MDK	10-AUG-00		6010
			NI	<5.	ppm	MDK	10-AUG-00		6010
			PB	<5.	ppm	MDK	10-AUG-00		6010
			SB	<0.8		MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	1.1	ppm	MDK	10-AUG-00		6010
			V	<5.	ppm	MDK	10-AUG-00		6010
			ZN	<5.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000519

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000519-3		Lab Control Sample	AG	105	%Recovery	MDK	10-AUG-00		6010
			AS	103	%Recovery	MDK	10-AUG-00		6010
			BA	109	%Recovery	MDK	10-AUG-00		6010
			BI	96	%Recovery	MDK	10-AUG-00		6010
			CD	106	%Recovery	MDK	10-AUG-00		6010
			CN-	92	%Recovery	DC	28-JUN-00		335.2
			CO	104	%Recovery	MDK	10-AUG-00		6010
			CR	112	%Recovery	MDK	10-AUG-00		6010
			CU	117	%Recovery	MDK	10-AUG-00		6010
			HG	110	%Recovery	EH	05-JUL-00		7471
			MN	108	%Recovery	MDK	10-AUG-00		6010
			NI	105	%Recovery	MDK	10-AUG-00		6010
			PB	105	%Recovery	MDK	10-AUG-00		6010
			SB	166***	%Recovery	MDK	10-AUG-00		6010
			SE	87	%Recovery	MDK	10-AUG-00		6010
			SN	115	%Recovery	MDK	10-AUG-00		6010
			TL	106	%Recovery	MDK	10-AUG-00		6010
			V	111	%Recovery	MDK	10-AUG-00		6010
			ZN	100	%Recovery	MDK	10-AUG-00		6010
WG000519-4		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80		MDK	10-AUG-00		6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000519

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000519-5		Matrix Spike Duplicate	AG	7.3	% RPD	MDK	10-AUG-00		6010
			AS	8.5	% RPD	MDK	10-AUG-00		6010
			BA	8	% RPD	MDK	10-AUG-00		6010
			BI	9	% RPD	MDK	10-AUG-00		6010
			CD	8.5	% RPD	MDK	10-AUG-00		6010
			CO	8.7	% RPD	MDK	10-AUG-00		6010
			CR	11	% RPD	MDK	10-AUG-00		6010
			CU	7.9	% RPD	MDK	10-AUG-00		6010
			HG	25**	% RPD	EH	05-JUL-00		7471
			MN	9	% RPD	MDK	10-AUG-00		6010
			NI	9	% RPD	MDK	10-AUG-00		6010
			PB	8.2	% RPD	MDK	10-AUG-00		6010
			SB	8.2		MDK	10-AUG-00		6010
			SE	8.6	% RPD	MDK	10-AUG-00		6010
			SN	8.5	% RPD	MDK	10-AUG-00		6010
			TL	5.4	% RPD	MDK	10-AUG-00		6010
			V	8.7	% RPD	MDK	10-AUG-00		6010
			ZN	8.6	% RPD	MDK	10-AUG-00		6010
WG000519-6		Duplicate	CN-	<1	% RPD	DC	28-JUN-00		335.2
			MOIST.	1.7	% RPD	MJF	28-JUN-00		GRAV.

* = Spikes outside acceptance limits due to matrix interference.
**= Duplicate spike recovery was out of range due to non-homogeneity of spiked sample.
***= LCS for Sb is within ERA (244) 95% confidence interval.

Approved

Reviewer

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 4

Project Number/Name CC000642.0001

Project Location Enfield, Corpus Christi, TX

Laboratory ARCADIS, Salt Lake City, UT

Project Manager Ken Brancher

Sampler(s)/Affiliation BF | ARCADIS

Sample ID/Location		Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Mg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass Jar w/Teflon lined lid)						Remarks	Total
B139	0-0.5	S	6/19/00 830		1						B135 Series not on COC B134 twice	1
B139	2-2.5		835		1	HOLD						1
B139	5.5		840		1	HOLD						1
B139	8.5		845		1	HOLD						1
B139	11.5		850		1	HOLD						1
B139	14.5		855		1	HOLD						1
B139	17.5		900		1	HOLD						1
B139	20.5		930		1	HOLD						1
B139	23.5-24		933		1	HOLD						1
FIELD BLANK			930		1							1
DUPLICATE 12 (0-0.5)		S	—		1							1
EQUIPMENT 12		L	6/20/00 1200		1							1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 12

					Seal Intact?
Relinquished by: [signature]	Organization: ARCADIS	Date 6/19/00	Time 1800		
Received by: [signature]	Organization: STRICC	Date 6/20/00	Time 1300		Yes No N/A
Relinquished by: TJ	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: See table G-1 in RFI work plan Quality Assurance Plan for test methods - attached
Analyze (0-0.5) depth soil samples for all parameters, hold deeper samples until notified by ARCADIS
Results to Ken Brancher - 361-883-1353

Delivery Method: ☐ In Person ☒ Common Carrier FED EX ☐ Lab Courier ☐ Other _____
SPECIFY SPECIFY

AG 05 0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 4

Project Number/Name CC000642.0001

Project Location Enbridge Corpus Christi, TX

Laboratory ASMLO, Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Mg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass jar w/ Teflon lined lid)	Remarks	Total
B133 (0-0.5)	S	6/16/10 942		1		1
B133 (2-2.5)		945		1 HOLD		1
B136 (0-0.5)		955		1		1
B136 (2-2.5)		957		1 HOLD		1
B131 (0-0.5)		1007		1		1
B131 (2-2.5)		1010		1 HOLD		1
B138 (0-0.5)		1017		1		1
B138 (2-2.5)		1020		1 HOLD		1
B130 (0-0.5)		1030		1		1
B130 (2-2.5)		1033		1 HOLD		1
B130 (5.5)		1035		1 HOLD		1
B130 (8.5)		1039		1 HOLD		1
B130 (11.5)		1042		1 HOLD		1
B130 (13.7-14.5)	S	6/16/10 1045		1 HOLD		1
[redacted]						

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 14

					Seal Intact?
Relinquished by: Bryan Harris	Organization: ARCADIS	Date 6/19/10	Time 1600		
Received by: FedEx	Organization: FedEx	Date 6/20/10	Time 1300		Yes (No) N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier FedEx SPECIFY ☐ Lab Courier ☐ Other SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 3 of 4

Project Number/Name C0000147.0001

Project Location Ensyde, Corpus Christi, TX

Laboratory ARCADIS, Salt Lake City, UT

Project Manager Lee Brandner

Sampler(s)/Affiliation BH, ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass w/ teflon lined lid)	Remarks	Total
B137 (0-0.5)	S	1100		1		1
B137 (2-2.5)		1103		1 HOLD		1
B137 (5.5)		1115		1 HOLD		1
B137 (8.5)		1120		1 HOLD		1
B137 (11-12)		1125		1 HOLD		1
B134 (0-0.5)		1133		1		1
B134 (2-2.5)		1135		1 HOLD		1
B134 (5.5)		1140		1 HOLD		1
B134 (8.5)		1145		1 HOLD		1
B134 (11-12)		1147		1 HOLD		1
DUPLICATE 13 (B137)		—		1		1
DUPLICATE 14 (B134)	S	—		1		1
EQUIPMENT 13	L	1400		1		1
EQUIPMENT 14	L	✓ 1505		1		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 14

					Seal Intact?
Relinquished by: Benjamin Kinney	Organization: ARCADIS	Date 6/19/00	Time 1500		
Received by: Kinney	Organization: Fedex	Date 6/20/00	Time 1300		(Yes) No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 4 of 4

Project Number/Name [illegible]642.0001

Project Location Encycle, Corpus Christ TX

Laboratory ARSMCO Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TAL SB, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Mg, Ni, Se, Ag, Tl, Sn, V, Zn (1 oz glass jar w/ Teflon lined lid)	Remarks	Total
B134 (0-0.5)	S	6/16/00 1320		1		1
B134 (2-2.5)		1323		1 HOLD		1
B134 (5.5)		1326		1 HOLD		1
B134 (8.5)		1330		1 HOLD		1
B134 (11.5)		1334		1 HOLD		1
B134 (13-14)		1340		1 HOLD		1
B132 (0-0.5)		1403		1		1
B132 (2-2.5)		1405		1 HOLD		1
B132 (5.5)		1410		1 HOLD		1
B132 (8.5)		1412		1 HOLD		1
B132 (11.5)		1415		1 HOLD		1
B132 (14.5)		1418		1 HOLD		1
B132 (15.6-16)	S	1473		1 HOLD		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 13

					Seal Intact?
Relinquished by: Bryan Hanley	Organization: ARCADIS	Date 6/19/00	Time 1800		
Received by: [illegible]	Organization: [illegible]	Date 6/20/00	Time 1300		(Yes) No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier FEDEX ☐ Lab Courier ☐ Other _____ SPECIFY

ASARCO

RECEIVED

Miller

September 15, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Please find attached the amended report for (41) ,forty one soil samples with our laboratory group number 958. This reflects the corrected date of analysis for CN- which was analyzed on June 28, 2000 rather than July 28, 2000.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-001	20-JUN-00	B64 (0-0.5)	AG	0.54	ppm	MDK	02-AUG-00		6010
			AS	7.	ppm	MDK	02-AUG-00		6010
			BA	305.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	623.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	7.	ppm	MDK	02-AUG-00		6010
			CR	16.	ppm	MDK	02-AUG-00		6010
			CU	13.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	1725.	ppm	MDK	02-AUG-00		6010
			MOIST.	21.	%	MF	28-JUN-00		GRAV.
			NI	22.	ppm	MDK	02-AUG-00		6010
			PB	39.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	6.	ppm	MDK	02-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	27.	ppm	MDK	02-AUG-00		6010
			ZN	9393.	ppm	MDK	02-AUG-00		6010
L000958-002	20-JUN-00	B64 (2-2.5)	AG	2.	ppm	MDK	02-AUG-00		6010
			AS	7.	ppm	MDK	02-AUG-00		6010
			BA	282.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	193.	ppm	MDK	02-AUG-00		6010
			CN-	0.08	ppm	RDC	28-JUN-00		335.2
			CO	30.	ppm	MDK	02-AUG-00		6010
			CR	27.	ppm	MDK	02-AUG-00		6010
			CU	540.	ppm	MDK	02-AUG-00		6010
			HG	0.08	ppm	EH	05-JUL-00		7471
			MN	4188.	ppm	MDK	02-AUG-00		6010
			MOIST.	23.	%	MF	28-JUN-00		GRAV.
			NI	47.	ppm	MDK	02-AUG-00		6010
			PB	60.	ppm	MDK	02-AUG-00		6010
			SB	2.	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	9.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-002	20-JUN-00	B64 (2-2.5)	V	26.	ppm	MDK	02-AUG-00		6010
			ZN	59140.	ppm	MDK	15-AUG-00		6010
L000958-003	20-JUN-00	B64 (5.5)	AG	1.	ppm	MDK	02-AUG-00		6010
			AS	<5.	ppm	MDK	02-AUG-00		6010
			BA	203.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	3.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	02-AUG-00		6010
			CR	10.	ppm	MDK	02-AUG-00		6010
			CU	11.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	2305.	ppm	MDK	02-AUG-00		6010
			MOIST.	20.	%	MF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	02-AUG-00		6010
			PB	14.	ppm	MDK	02-AUG-00		6010
			SB	1.	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	25.	ppm	MDK	02-AUG-00		6010
			ZN	62460.	ppm	MDK	15-AUG-00		6010
L000958-004	20-JUN-00	B64 (8.5)	AG	<0.5	ppm	MDK	02-AUG-00		6010
			AS	6.	ppm	MDK	02-AUG-00		6010
			BA	292.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	<1.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	7.	ppm	MDK	02-AUG-00		6010
			CR	15.	ppm	MDK	02-AUG-00		6010
			CU	9.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	415.	ppm	MDK	02-AUG-00		6010
			MOIST.	23.	%	MF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	02-AUG-00		6010
			PB	24.	ppm	MDK	02-AUG-00		6010
			SB	1.	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-004	20-JUN-00	B64 (8.5)	SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	10.	ppm	MDK	02-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	36.	ppm	MDK	02-AUG-00		6010
			ZN	757.	ppm	MDK	02-AUG-00		6010
L000958-005	20-JUN-00	B64 (11.5)	AG	<0.5	ppm	MDK	02-AUG-00		6010
			AS	<5.	ppm	MDK	02-AUG-00		6010
			BA	51.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	1.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	7.	ppm	MDK	02-AUG-00		6010
			CR	29.	ppm	MDK	02-AUG-00		6010
			CU	<5.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	139.	ppm	MDK	02-AUG-00		6010
			MOIST.	6.5	%	MF	28-JUN-00		GRAV.
			NI	14.	ppm	MDK	02-AUG-00		6010
			PB	<5.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	1.	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	8.	ppm	MDK	02-AUG-00		6010
			ZN	671.	ppm	MDK	02-AUG-00		6010
L000958-006	20-JUN-00	B64 (14.5)	AG	<0.5	ppm	MDK	02-AUG-00		6010
			AS	<5.	ppm	MDK	02-AUG-00		6010
			BA	51.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	<1.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	13.	ppm	MDK	02-AUG-00		6010
			CR	62.	ppm	MDK	02-AUG-00		6010
			CU	<5.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	283.	ppm	MDK	02-AUG-00		6010
			MOIST.	5.3	%	MF	28-JUN-00		GRAV.

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-006	20-JUN-00	B64 (14.5)	NI	29.	ppm	MDK	02-AUG-00		6010
			PB	<5.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	1.	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	6.	ppm	MDK	02-AUG-00		6010
			ZN	143.	ppm	MDK	02-AUG-00		6010
L000958-007	20-JUN-00	B64 (15-15.5)	AG	0.52	ppm	MDK	02-AUG-00		6010
			AS	<5.	ppm	MDK	02-AUG-00		6010
			BA	71.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	<1.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	16.	ppm	MDK	02-AUG-00		6010
			CR	82.	ppm	MDK	02-AUG-00		6010
			CU	6.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	176.	ppm	MDK	02-AUG-00		6010
			MOIST.	15.	%	MF	28-JUN-00		GRAV.
			NI	38.	ppm	MDK	02-AUG-00		6010
			PB	<5.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	1.	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	5.	ppm	MDK	02-AUG-00		6010
			ZN	64.	ppm	MDK	02-AUG-00		6010
L000958-008	20-JUN-00	B61 (0-0.5)	AG	4.	ppm	MDK	02-AUG-00		6010
			AS	61.	ppm	MDK	02-AUG-00		6010
			BA	87.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	48.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	19.	ppm	MDK	02-AUG-00		6010
			CR	60.	ppm	MDK	02-AUG-00		6010
			CU	232.	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-008	20-JUN-00	B61 (0-0.5)	HG	18.	ppm	EH	05-JUL-00		7471
			MN	149.	ppm	MDK	02-AUG-00		6010
			MOIST.	6.7	%	MF	28-JUN-00		GRAV.
			NI	28.	ppm	MDK	02-AUG-00		6010
			PB	317.	ppm	MDK	02-AUG-00		6010
			SB	3.	ppm	MDK	02-AUG-00		6010
			SE	9.	ppm	MDK	02-AUG-00		6010
			SN	7.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	26.	ppm	MDK	02-AUG-00		6010
			ZN	3288.	ppm	MDK	02-AUG-00		6010
L000958-009	20-JUN-00	B61 (2-2.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	6.	ppm	MDK	03-AUG-00		6010
			BA	596.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	6.	ppm	MDK	03-AUG-00		6010
			CR	20.	ppm	MDK	03-AUG-00		6010
			CU	15.	ppm	MDK	03-AUG-00		6010
			HG	0.05	ppm	EH	05-JUL-00		7471
			MN	333.	ppm	MDK	03-AUG-00		6010
			MOIST.	17.	%	MF	28-JUN-00		GRAV.
			NI	13.	ppm	MDK	03-AUG-00		6010
			PB	13.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	24.	ppm	MDK	03-AUG-00		6010
			ZN	85.	ppm	MDK	03-AUG-00		6010
L000958-010	20-JUN-00	B61 (5.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	6.	ppm	MDK	03-AUG-00		6010
			BA	362.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-010	20-JUN-00	B61 (5.5)	CO	5.	ppm	MDK	03-AUG-00		6010
			CR	9.	ppm	MDK	03-AUG-00		6010
			CU	7.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	295.	ppm	MDK	03-AUG-00		6010
			MOIST.	18.	%	MF	28-JUN-00		GRAV.
			NI	8.	ppm	MDK	03-AUG-00		6010
			PB	9.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	1.	ppm	MDK	02-AUG-00		6010
			V	35.	ppm	MDK	03-AUG-00		6010
			ZN	44.	ppm	MDK	03-AUG-00		6010
L000958-011	20-JUN-00	B61 (8.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	189.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	6.	ppm	MDK	03-AUG-00		6010
			CR	12.	ppm	MDK	03-AUG-00		6010
			CU	7.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	307.	ppm	MDK	03-AUG-00		6010
			MOIST.	18.	%	MF	28-JUN-00		GRAV.
			NI	8.	ppm	MDK	03-AUG-00		6010
			PB	9.	ppm	MDK	03-AUG-00		6010
			SB	1.	ppm	MDK	03-AUG-00		6010
			SE	1.	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	7.	ppm	MDK	02-AUG-00		6010
			V	28.	ppm	MDK	03-AUG-00		6010
			ZN	42.	ppm	MDK	03-AUG-00		6010
L000958-012	20-JUN-00	B61 (11.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	58.	ppm	MDK	03-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-012	20-JUN-00	B61 (11.5)	BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	8.	ppm	MDK	03-AUG-00		6010
			CR	49.	ppm	MDK	03-AUG-00		6010
			CU	<5.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	205.	ppm	MDK	03-AUG-00		6010
			MOIST.	4.3	%	MF	28-JUN-00		GRAV.
			NI	24.	ppm	MDK	03-AUG-00		6010
			PB	<5.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	3.	ppm	MDK	02-AUG-00		6010
			V	8.	ppm	MDK	03-AUG-00		6010
			ZN	22.	ppm	MDK	03-AUG-00		6010
L000958-013	20-JUN-00	B61 (14.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	67.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	12.	ppm	MDK	03-AUG-00		6010
			CR	73.	ppm	MDK	03-AUG-00		6010
			CU	<5.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	370.	ppm	MDK	03-AUG-00		6010
			MOIST.	3.4	%	MF	28-JUN-00		GRAV.
			NI	34.	ppm	MDK	03-AUG-00		6010
			PB	<5.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	1.	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	7.	ppm	MDK	03-AUG-00		6010
			ZN	11.	ppm	MDK	03-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-014	20-JUN-00	B61 (15-16)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	67.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	12.	ppm	MDK	03-AUG-00		6010
			CR	60.	ppm	MDK	03-AUG-00		6010
			CU	<5.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	274.	ppm	MDK	03-AUG-00		6010
			MOIST.	9.5	%	MF	28-JUN-00		GRAV.
			NI	28.	ppm	MDK	03-AUG-00		6010
			PB	<5.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	1.	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	1.	ppm	MDK	02-AUG-00		6010
			V	5.	ppm	MDK	03-AUG-00		6010
			ZN	11.	ppm	MDK	03-AUG-00		6010
L000958-015	20-JUN-00	B108 (0-0.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	12.	ppm	MDK	03-AUG-00		6010
			BA	296.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	160.	ppm	MDK	03-AUG-00		6010
			CN-	0.07	ppm	RDC	28-JUN-00		335.2
			CO	7.	ppm	MDK	03-AUG-00		6010
			CR	16.	ppm	MDK	03-AUG-00		6010
			CU	60.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	602.	ppm	MDK	03-AUG-00		6010
			MOIST.	16.	%	MF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	03-AUG-00		6010
			PB	133.	ppm	MDK	03-AUG-00		6010
			SB	4.	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	17.	ppm	MDK	03-AUG-00		6010
			TL	1.	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

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Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-015	20-JUN-00	B108 (0-0.5)	V	22.	ppm	MDK	03-AUG-00		6010
			ZN	6933.	ppm	MDK	03-AUG-00		6010
L000958-016	20-JUN-00	B108 (2-2.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	6.	ppm	MDK	03-AUG-00		6010
			BA	209.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	49.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	6.	ppm	MDK	03-AUG-00		6010
			CR	14.	ppm	MDK	03-AUG-00		6010
			CU	30.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	420.	ppm	MDK	03-AUG-00		6010
			MOIST.	19.	%	MF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	03-AUG-00		6010
			PB	52.	ppm	MDK	03-AUG-00		6010
			SB	2.	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	8.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	22.	ppm	MDK	03-AUG-00		6010
			ZN	3234.	ppm	MDK	03-AUG-00		6010
L000958-017	20-JUN-00	B108 (5.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	384.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	2.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	5.	ppm	MDK	03-AUG-00		6010
			CR	12.	ppm	MDK	03-AUG-00		6010
			CU	9.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	308.	ppm	MDK	03-AUG-00		6010
			MOIST.	22.	%	MF	28-JUN-00		GRAV.
			NI	10.	ppm	MDK	03-AUG-00		6010
			PB	11.	ppm	MDK	03-AUG-00		6010
			SB	1.	ppm	MDK	03-AUG-00		6010

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Encycle/Texas

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-017	20-JUN-00	B108 (5.5)	SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	3.	ppm	MDK	02-AUG-00		6010
			V	29.	ppm	MDK	03-AUG-00		6010
			ZN	143.	ppm	MDK	03-AUG-00		6010
L000958-018	20-JUN-00	B108 (8.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	328.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	6.	ppm	MDK	03-AUG-00		6010
			CR	14.	ppm	MDK	03-AUG-00		6010
			CU	7.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	355.	ppm	MDK	03-AUG-00		6010
			MOIST.	18.	%	MF	28-JUN-00		GRAV.
			NI	10.	ppm	MDK	03-AUG-00		6010
			PB	10.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	32.	ppm	MDK	03-AUG-00		6010
			ZN	53.	ppm	MDK	03-AUG-00		6010
L000958-019	20-JUN-00	B108 (11.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	284.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	03-AUG-00		6010
			CR	6.	ppm	MDK	03-AUG-00		6010
			CU	<5.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	218.	ppm	MDK	03-AUG-00		6010
			MOIST.	17.	%	MF	28-JUN-00		GRAV.

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-019	20-JUN-00	B108 (11.5)	NI	<5.	ppm	MDK	03-AUG-00		6010
			PB	5.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	15.	ppm	MDK	03-AUG-00		6010
			ZN	26.	ppm	MDK	03-AUG-00		6010
L000958-020	20-JUN-00	B108 (14.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	68.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	13.	ppm	MDK	03-AUG-00		6010
			CR	91.	ppm	MDK	03-AUG-00		6010
			CU	<5.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	159.	ppm	MDK	03-AUG-00		6010
			MOIST.	2.6	%	MF	28-JUN-00		GRAV.
			NI	43.	ppm	MDK	03-AUG-00		6010
			PB	<5.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	6.	ppm	MDK	03-AUG-00		6010
			ZN	25.	ppm	MDK	03-AUG-00		6010
L000958-021	20-JUN-00	B108 (16.3-17)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	46.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	14.	ppm	MDK	03-AUG-00		6010
			CR	71.	ppm	MDK	03-AUG-00		6010
			CU	<5.	ppm	MDK	03-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-021	20-JUN-00	B108 (16.3-17)	HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	142.	ppm	MDK	03-AUG-00		6010
			MOIST.	13.	%	MF	28-JUN-00		GRAV.
			NI	33.	ppm	MDK	03-AUG-00		6010
			PB	<5.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	1.	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	1.	ppm	MDK	02-AUG-00		6010
			V	6.	ppm	MDK	03-AUG-00		6010
			ZN	19.	ppm	MDK	03-AUG-00		6010
L000958-022	20-JUN-00	B109 (0-0.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	184.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	240.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	18.	ppm	MDK	03-AUG-00		6010
			CR	66.	ppm	MDK	03-AUG-00		6010
			CU	16.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	376.	ppm	MDK	03-AUG-00		6010
			MOIST.	12.	%	MF	28-JUN-00		GRAV.
			NI	36.	ppm	MDK	03-AUG-00		6010
			PB	18.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	20.	ppm	MDK	03-AUG-00		6010
			ZN	15900.	ppm	MDK	15-AUG-00		6010
L000958-023	20-JUN-00	B109 (2-2.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	185.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	4.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2

ASARCO TECHNICAL SERVICES CENTER

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-023	20-JUN-00	B109 (2-2.5)	CO	5.	ppm	MDK	03-AUG-00		6010
			CR	12.	ppm	MDK	03-AUG-00		6010
			CU	10.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	303.	ppm	MDK	03-AUG-00		6010
			MOIST.	17.	%	MF	28-JUN-00		GRAV.
			NI	10.	ppm	MDK	03-AUG-00		6010
			PB	8.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	19.	ppm	MDK	03-AUG-00		6010
			ZN	246.	ppm	MDK	03-AUG-00		6010
L000958-024	20-JUN-00	B109 (5.5)	AG	3.	ppm	MDK	03-AUG-00		6010
			AS	6.	ppm	MDK	03-AUG-00		6010
			BA	321.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	6.	ppm	MDK	03-AUG-00		6010
			CR	13.	ppm	MDK	03-AUG-00		6010
			CU	12.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	401.	ppm	MDK	03-AUG-00		6010
			MOIST.	18.	%	MF	28-JUN-00		GRAV.
			NI	10.	ppm	MDK	03-AUG-00		6010
			PB	9.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	1.	ppm	MDK	02-AUG-00		6010
			V	34.	ppm	MDK	03-AUG-00		6010
			ZN	110.	ppm	MDK	03-AUG-00		6010
L000958-025	20-JUN-00	B109 (8.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	125.	ppm	MDK	03-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

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Encycle/Texas

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-025	20-JUN-00	B109 (8.5)	BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	03-AUG-00		6010
			CR	11.	ppm	MDK	03-AUG-00		6010
			CU	9.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	269.	ppm	MDK	03-AUG-00		6010
			MOIST.	17.	%	MF	28-JUN-00		GRAV.
			NI	9.	ppm	MDK	03-AUG-00		6010
			PB	7.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	16.	ppm	MDK	03-AUG-00		6010
			ZN	37.	ppm	MDK	03-AUG-00		6010
L000958-026	20-JUN-00	B109 (11.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	116.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	8.	ppm	MDK	03-AUG-00		6010
			CR	46.	ppm	MDK	03-AUG-00		6010
			CU	<5.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	271.	ppm	MDK	03-AUG-00		6010
			MOIST.	8.2	%	MF	28-JUN-00		GRAV.
			NI	23.	ppm	MDK	03-AUG-00		6010
			PB	<5.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	7.	ppm	MDK	02-AUG-00		6010
			V	10.	ppm	MDK	03-AUG-00		6010
			ZN	56.	ppm	MDK	03-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-027	20-JUN-00	B109 (14-14.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	49.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	14.	ppm	MDK	03-AUG-00		6010
			CR	85.	ppm	MDK	03-AUG-00		6010
			CU	<5.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	112.	ppm	MDK	03-AUG-00		6010
			MOIST.	7.7	%	MF	28-JUN-00		GRAV.
			NI	40.	ppm	MDK	03-AUG-00		6010
			PB	<5.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	2.	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	3.	ppm	MDK	02-AUG-00		6010
			V	6.	ppm	MDK	03-AUG-00		6010
			ZN	22.	ppm	MDK	03-AUG-00		6010
L000958-028	20-JUN-00	DUPLICATE 18 (0-0.5)	AG	1.	ppm	MDK	03-AUG-00		6010
			AS	9.	ppm	MDK	03-AUG-00		6010
			BA	123.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	74.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	60.	ppm	MDK	03-AUG-00		6010
			CR	222.	ppm	MDK	03-AUG-00		6010
			CU	1380.	ppm	MDK	03-AUG-00		6010
			HG	0.08	ppm	EH	05-JUL-00		7471
			MN	559.	ppm	MDK	03-AUG-00		6010
			MOIST.	6.5	%	MF	28-JUN-00		GRAV.
			NI	69.	ppm	MDK	03-AUG-00		6010
			PB	427.	ppm	MDK	03-AUG-00		6010
			SB	4.	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	30.	ppm	MDK	03-AUG-00		6010
			TL	3.	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-028	20-JUN-00	DUPLICATE 18 (0-0.5)	V	10.	ppm	MDK	03-AUG-00		6010
			ZN	2200.	ppm	MDK	03-AUG-00		6010
L000958-029	20-JUN-00	DUPLICATE 19 (5.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	6.	ppm	MDK	03-AUG-00		6010
			BA	302.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	6.	ppm	MDK	03-AUG-00		6010
			CR	17.	ppm	MDK	03-AUG-00		6010
			CU	14.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	313.	ppm	MDK	03-AUG-00		6010
			MOIST.	17.	%	MF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	03-AUG-00		6010
			PB	10.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	39.	ppm	MDK	03-AUG-00		6010
			ZN	70.	ppm	MDK	03-AUG-00		6010
L000958-030	20-JUN-00	DUPLICATE 20 (8.5)	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.	ppm	MDK	03-AUG-00		6010
			BA	170.	ppm	MDK	03-AUG-00		6010
			BI	<4.	ppm	MDK	03-AUG-00		6010
			CD	<1.	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	5.	ppm	MDK	03-AUG-00		6010
			CR	16.	ppm	MDK	03-AUG-00		6010
			CU	12.	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	228.	ppm	MDK	03-AUG-00		6010
			MOIST.	16.	%	MF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	03-AUG-00		6010
			PB	8.	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000958

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000958-030	20-JUN-00	DUPLICATE 20 (8.5)	SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.	ppm	MDK	03-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	16.	ppm	MDK	03-AUG-00		6010
			ZN	40.	ppm	MDK	03-AUG-00		6010

<Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000531

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000531-1		Matrix Spike	AG	112	%Recovery	MDK	02-AUG-00		6010
			AS	95	%Recovery	MDK	02-AUG-00		6010
			BA	102	%Recovery	MDK	02-AUG-00		6010
			BI	100	%Recovery	MDK	02-AUG-00		6010
			CD	94	%Recovery	MDK	02-AUG-00		6010
			CN-	86	%Recovery	RDC	28-JUN-00		335.2
			CO	98	%Recovery	MDK	02-AUG-00		6010
			CR	120	%Recovery	MDK	02-AUG-00		6010
			CU	119	%Recovery	MDK	02-AUG-00		6010
			HG	102	%Recovery	EH	05-JUL-00		7471
			MN	106	%Recovery	MDK	02-AUG-00		6010
			NI	100	%Recovery	MDK	02-AUG-00		6010
			PB	95	%Recovery	MDK	02-AUG-00		6010
			SB	57	%Recovery	MDK	02-AUG-00		6010
			SE	79	%Recovery	MDK	02-AUG-00		6010
			SN	100	%Recovery	MDK	02-AUG-00		6010
			TL	89	%Recovery	MDK	02-AUG-00		6010
			V	114	%Recovery	MDK	02-AUG-00		6010
			ZN	109	%Recovery	MDK	02-AUG-00		6010
WG000531-2		Prep Blank	AG	<0.50	ppm	MDK	02-AUG-00		6010
			AS	<5.0	ppm	MDK	02-AUG-00		6010
			BA	<5.0	ppm	MDK	02-AUG-00		6010
			BI	<4.0	ppm	MDK	02-AUG-00		6010
			CD	<1.0	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	<5.0	ppm	MDK	02-AUG-00		6010
			CR	<5.0	ppm	MDK	02-AUG-00		6010
			CU	<5.0	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	<5.0	ppm	MDK	02-AUG-00		6010
			NI	<5.0	ppm	MDK	02-AUG-00		6010
			PB	<5.0	ppm	MDK	02-AUG-00		6010
			SB	<0.80	ppm	MDK	02-AUG-00		6010
			SE	<0.80	ppm	MDK	02-AUG-00		6010
			SN	<5.0	ppm	MDK	02-AUG-00		6010
			TL	<1.0	ppm	MDK	02-AUG-00		6010
			V	<5.0	ppm	MDK	02-AUG-00		6010
			ZN	<5.0	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000531

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000531-3		Lab Control Sample	AG	102	%Recovery	MDK	02-AUG-00		6010
			AS	98	%Recovery	MDK	02-AUG-00		6010
			BA	97	%Recovery	MDK	02-AUG-00		6010
			BI	101	%Recovery	MDK	02-AUG-00		6010
			CD	98	%Recovery	MDK	02-AUG-00		6010
			CN-	78	%Recovery	RDC	28-JUN-00		335.2
			CO	98	%Recovery	MDK	02-AUG-00		6010
			CR	102	%Recovery	MDK	02-AUG-00		6010
			CU	108	%Recovery	MDK	02-AUG-00		6010
			HG	120	%Recovery	EH	05-JUL-00		7471
			MN	110	%Recovery	MDK	02-AUG-00		6010
			NI	99	%Recovery	MDK	02-AUG-00		6010
			PB	93	%Recovery	MDK	02-AUG-00		6010
			SB	124	%Recovery	MDK	02-AUG-00		6010
			SE	80	%Recovery	MDK	02-AUG-00		6010
			SN	103	%Recovery	MDK	02-AUG-00		6010
			TL	96	%Recovery	MDK	02-AUG-00		6010
			V	103	%Recovery	MDK	02-AUG-00		6010
			ZN	97	%Recovery	MDK	02-AUG-00		6010
WG000531-4		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000531

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000531-5		Matrix Spike Duplicate	AG	3.6	% RPD	MDK	02-AUG-00		6010
			AS	2.1	% RPD	MDK	02-AUG-00		6010
			BA	4.4	% RPD	MDK	02-AUG-00		6010
			BI	3.1	% RPD	MDK	02-AUG-00		6010
			CD	2.1	% RPD	MDK	02-AUG-00		6010
			CO	2	% RPD	MDK	02-AUG-00		6010
			CR	2.1	% RPD	MDK	02-AUG-00		6010
			CU	2.4	% RPD	MDK	02-AUG-00		6010
			HG	<1	% RPD	EH	05-JUL-00		7471
			MN	4.6	% RPD	MDK	02-AUG-00		6010
			NI	1.9	% RPD	MDK	02-AUG-00		6010
			PB	2.9	% RPD	MDK	02-AUG-00		6010
			SB	4.1	% RPD	MDK	02-AUG-00		6010
			SE	1.9	% RPD	MDK	02-AUG-00		6010
			SN	2.5	% RPD	MDK	02-AUG-00		6010
			TL	<1	% RPD	MDK	02-AUG-00		6010
			V	2	% RPD	MDK	02-AUG-00		6010
			ZN	2.6	% RPD	MDK	02-AUG-00		6010
WG000531-6		Duplicate	CN-	<1	% RPD	RDC	28-JUN-00		335.2
			MOIST.	3.4	% RPD	MF	28-JUN-00		GRAV.
WG000531-7		Matrix Spike	AG	108	%Recovery	MDK	03-AUG-00		6010
			AS	91	%Recovery	MDK	03-AUG-00		6010
			BA	94	%Recovery	MDK	03-AUG-00		6010
			BI	98	%Recovery	MDK	03-AUG-00		6010
			CD	90	%Recovery	MDK	03-AUG-00		6010
			CN-	114	%Recovery	RDC	28-JUN-00		335.2
			CO	95	%Recovery	MDK	03-AUG-00		6010
			CR	99	%Recovery	MDK	03-AUG-00		6010
			CU	116	%Recovery	MDK	03-AUG-00		6010
			HG	76	%Recovery	EH	05-JUL-00		7471
			MN	96	%Recovery	MDK	03-AUG-00		6010
			NI	95	%Recovery	MDK	03-AUG-00		6010
			PB	92	%Recovery	MDK	02-AUG-00		6010
			SB	59	%Recovery	MDK	03-AUG-00		6010
			SE	76	%Recovery	MDK	03-AUG-00		6010
			SN	94	%Recovery	MDK	03-AUG-00		6010
			TL	85	%Recovery	MDK	03-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project)

Batch No: WG000531

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000531-7		Matrix Spike	V	100	%Recovery	MDK	03-AUG-00		6010
			ZN	95	%Recovery	MDK	03-AUG-00		6010
WG000531-8		Prep Blank	AG	<0.50	ppm	MDK	03-AUG-00		6010
			AS	<5.0	ppm	MDK	03-AUG-00		6010
			BA	<5.0	ppm	MDK	03-AUG-00		6010
			BI	<4.0	ppm	MDK	03-AUG-00		6010
			CD	<1.0	ppm	MDK	03-AUG-00		6010
			CN-	<0.04	ppm	RDC	28-JUN-00		335.2
			CO	<5.0	ppm	MDK	03-AUG-00		6010
			CR	<5.0	ppm	MDK	03-AUG-00		6010
			CU	<5.0	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	<5.0	ppm	MDK	03-AUG-00		6010
			NI	<5.0	ppm	MDK	03-AUG-00		6010
			PB	<5.0	ppm	MDK	02-AUG-00		6010
			SB	<0.80	ppm	MDK	03-AUG-00		6010
			SE	<0.80	ppm	MDK	03-AUG-00		6010
			SN	<5.0	ppm	MDK	03-AUG-00		6010
			TL	<1.0	ppm	MDK	03-AUG-00		6010
			V	<5.0	ppm	MDK	03-AUG-00		6010
			ZN	<5.0	ppm	MDK	03-AUG-00		6010
WG000531-9		Lab Control Sample	AG	106	%Recovery	MDK	03-AUG-00		6010
			AS	98	%Recovery	MDK	03-AUG-00		6010
			BA	99	%Recovery	MDK	03-AUG-00		6010
			BI	96	%Recovery	MDK	03-AUG-00		6010
			CD	97	%Recovery	MDK	03-AUG-00		6010
			CN-	108	%Recovery	RDC	28-JUN-00		335.2
			CO	100	%Recovery	MDK	03-AUG-00		6010
			CR	103	%Recovery	MDK	03-AUG-00		6010
			CU	110	%Recovery	MDK	03-AUG-00		6010
			HG	113	%Recovery	EH	05-JUL-00		7471
			MN	108	%Recovery	MDK	03-AUG-00		6010
			NI	102	%Recovery	MDK	03-AUG-00		6010
			PB	94	%Recovery	MDK	02-AUG-00		6010
			SB	123	%Recovery	MDK	03-AUG-00		6010
			SE	79	%Recovery	MDK	03-AUG-00		6010
			SN	105	%Recovery	MDK	03-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project)

Batch No: WG000531

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000531-9		Lab Control Sample	TL	96	%Recovery	MDK	03-AUG-00		6010
			V	105	%Recovery	MDK	03-AUG-00		6010
			ZN	98	%Recovery	MDK	03-AUG-00		6010
WG000531-10		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000531-11		Matrix Spike Duplicate	AG	2.2	% RPD	MDK	03-AUG-00		6010
			AS	5	% RPD	MDK	03-AUG-00		6010
			BA	3.9	% RPD	MDK	03-AUG-00		6010
			BI	4.6	% RPD	MDK	03-AUG-00		6010
			CD	4.2	% RPD	MDK	03-AUG-00		6010
			CO	3	% RPD	MDK	03-AUG-00		6010
			CR	4.8	% RPD	MDK	03-AUG-00		6010
			CU	2.8	% RPD	MDK	03-AUG-00		6010
			HG	28	% RPD	EH	05-JUL-00		7471
			MN	2.7	% RPD	MDK	03-AUG-00		6010
			NI	4.5	% RPD	MDK	03-AUG-00		6010
			PB	4.9	% RPD	MDK	03-AUG-00		6010
			SB	11	% RPD	MDK	03-AUG-00		6010
			SE	4.8	% RPD	MDK	03-AUG-00		6010
			SN	5.6	% RPD	MDK	03-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project)

Batch No: WG000531

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000531-11		Matrix Spike Duplicate	TL	6.5	% RPD	MDK	02-AUG-00		6010
			V	5.1	% RPD	MDK	03-AUG-00		6010
			ZN	3.3	% RPD	MDK	03-AUG-00		6010
WG000531-12		Duplicate	CN-	<1	% RPD	RDC	28-JUN-00		335.2
			MOIST.	2.5	% RPD	MF	28-JUN-00		GRAV.

Approved

Reviewer

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 6

Project Number/Name C1000642.0001

Project Location Ervay, Corpus Christi, TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Feerick

Sampler(s)/Affiliation BH / PARSONS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL - Sb, As, Ba, Be, Cd, Cr, Co, Cu, Cn, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn	ANALYSIS / METHOD / SIZE: 6 oz glass wide mouth (Lead Lab)	Remarks	Total
B04 0-0.5	S	6/20/00 845		1			1
B04 2-2.5	|	847		1			1
B04 5.5	|	850		1			1
B04 8.5	|	855		1			1
B04 11.5	|	900		1			1
B04 14.5	|	905		1			1
B04 15-15.5	|	910		1			1
B05 0-0.5		920		1	HOLD		1
B05 2-2.5		923		1	HOLD		1
B05 5.5		927		1	HOLD		1
B05 8.5	|	935		1	HOLD		1
B05 11.5		938		1	HOLD		1
B05 14.5		950		1	HOLD		1
B05 15.5-16	S	↓ 953		1	HOLD		1

Total No. of Bottles/Containers: 14

Sample Matrix: L = Liquid; S = Solid; A = Air

					Seal Intact?
Relinquished by: Bernard Shaw	Organization: ARCADIS	Date 6/20/00	Time 1800		
Received by: Motley	Organization: ASARCO	Date 6/22/00	Time 1045		Yes No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks:

* STEP OUT BORINGS: ANALYZE FIRST BORING TO DEPTH - ALL PARAMETERS, HOLD ON NEXT 2 BORINGS UNTIL NOTIFIED BY ARCADIS
* (RUN B04, HOLD B05, B06) Results to Ken Feerick - 361-883-1353 - FAX# 361-883-7565

Delivery Method: ☐ In Person ☒ Common Carrier FED EX SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 2

Project Number/Name (illegible)

Project Location Encinitas Corporation Yard, TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Brandhuber

Sampler(s)/Affiliation BH / [illegible]

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total Sb, As, Pb, Cd, Cr, Cu, Ni, Zn (CN, Hg, Ag, Se, Tl, V) (8 oz Glass w/ Teflon lined lid)	Remarks	Total
B66 (0-0.5')	S	6/20/00 1005		1 HOLD		1
B66 (2-2.5')	S	1007		1 HOLD		1
B66 5.5	S	1015		1 HOLD		1
B66 8.5	S	1030		1 HOLD		1
B66 11.5	S	1033		1 HOLD		1
B66 14.5	S	1038		1 HOLD		1
B66 (15.7-16')	S	1040		1 HOLD		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 7

Relinquished by: [illegible]	Organization: ARI (AFT)	Date 6/20/00	Time 1500	Seal Intact?	
Received by: Mowry	Organization: ASARCO	Date 6/22/00	Time 1045	(Yes) No N/A	
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?	
Received by: _____	Organization: _____	Date / /	Time _____	Yes No N/A	

Special Instructions/Remarks: HOLD ALL OF B66 UNTIL NOTIFIED

Delivery Method: ☐ In Person ☒ Common Carrier FED EX SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 3 of 4

Project Number/Name CCCCCAR.0001

Project Location Triple Crown (Ross, TX)

Laboratory ASARCO Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BBN / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TCLP-Sb, As, Ba, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl + Sand 2.5 (Acid Volatiles, Ignitable, Ivert 1.0)	Remarks	Total
B61 (0-0.5)	S	6/20/00 1107		1		1
B61 (2-2.5)		1110		1		1
B61 5.5		1115		1		1
B61 8.5		1120		1		1
B61 11.5		1125		1		1
B61 14.5		1135		1		1
B61 15-16		1137		1		1
B62 0-0.5		1305		1 HOLD		1
B62 2-2.5		1308		1 HOLD		1
B62 5.5		1312		1 HOLD		1
B62 8.5		1320		1 HOLD		1
B62 11.5		1325		1 HOLD		1
B62 14.5		1330		1 HOLD		1
B62 15-16	S	✓ 1333		HOLD		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 14

					Seal Intact?
Relinquished by: [signature]	Organization: ARCADIS	Date 6/20/00	Time 1800		
Received by: Matter	Organization: ASARCO	Date 6/22/00	Time 1045		Yes No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks:

* STEP OUT BORINGS - RUN ALL OF B61, HOLD ALL B62 & B63 UNTIL NOTIFIED BY ARCADIS

Results to Ken Brandner

Delivery Method: ☐ In Person ☒ Common Carrier FedEx ☐ Lab Courier ☐ Other _____ SPECIFY

AC 05-2507

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 4 of 6

Project Number/Name [illegible]

Project Location [illegible]

Laboratory [illegible]

Project Manager [illegible]

Sampler(s)/Affiliation [illegible]

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE	Remarks	Total
B03 0-0.5	S	[illegible] 1315		1 Hold		1
B03 2-2.5		1348		1 Hold		1
B03 5.5		1353		1 Hold		1
B03 8.5		1400		1 Hold		1
B03 11.5		1403		1 Hold		1
B03 14.5		1410		1 Hold		1
B03 (15-16)	S	✓ 1415		1 Hold		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 7

Relinquished by: [illegible]	Organization: [illegible]	Date 6/20/00	Time 1500	Seal Intact? Yes No N/A
Received by: [illegible]	Organization: ASAP Co	Date 6/22/00	Time 1045	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks: HOLD ALL OF B03 UNTIL NOTIFIED BY ARCADIS

Delivery Method: ☐ In Person ☒ Common Carrier FedEx SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 5 of 6

Project Number/Name (illegible)

Project Location Ennis, Corpus Christi, TX

Laboratory ARCADIS, Salt Lake City, UT

Project Manager [illegible]

Sampler(s)/Affiliation [illegible]

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TCLP - Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn	Remarks	Total
B103 0-0.5	S	1435		1		1
B103 2-2.5		1437		1		1
B103 5.5		1440		1		1
B103 8.5		1445		1		1
B103 11.5		1450		1		1
B103 14.5		1450		1		1
B103 16.3-17		1455		1		1
						8
B109 0-0.5		1535		1		1
B109 2-2.5		1537		1		1
B109 5.5		1540		1		1
B109 8.5		1545		1		1
B109 11.5		1550		1		1
B109 14-14.5		V 1555		1		1
~~[illegible]~~	S			~~1~~		0

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 13

Relinquished by: [illegible]	Organization: [illegible]	Date 6/20/00	Time 1500	Seal Intact?	
Received by: Molly	Organization: ARCO	Date 6/22/00	Time 1045	(Yes) No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks: Run B103 & B109 all depths for all parameters

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 1

Project Number/Name (illegible)

Project Location Encinal, Texas (Mesa 7)

Laboratory Paragon, Salt Lake City, UT

Project Manager Ken Rozelle

Sampler(s)/Affiliation AH / Arcadis

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass bottle preserved)	Remarks	Total
DUPLICATE 18 (0-0.5)	S	6/20/00 —		1		1
DUPLICATE 19 (5.5)	S	—		1		1
DUPLICATE 20 (8.5)	S	—		1		1
EQUIPMENT 18	L	1050		2		2
EQUIPMENT 19	L	1200		2		2
EQUIPMENT 20	L	1600		2		2
FIELD BLANK	L	↓ 1000		2		2

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 11

Relinquished by: Pamela Kelly	Organization: ARCADIS	Date 6/20/00	Time 1600	Seal Intact?
Received by: Mallory	Organization: Paragon	Date 6/22/00	Time 1045	(Yes) No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____	Yes No N/A

Special Instructions/Remarks: _____

Run ALL parameters

Delivery Method: ☐ In Person ☒ Common Carrier FedEx SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AC 05 0597

ASARCO

September 18, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (31), thirty one soil samples Collected on June 13, 2000 in association with the Encycle Project # CC000642.0001 and received by the laboratory on June 14, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-001	13-JUN-00	B-100 (0-0.5)	AG	5.	ppm	MDK	04-AUG-00		6010
			AS	<5.	ppm	MDK	04-AUG-00		6010
			BA	134.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	13.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	<5.	ppm	MDK	04-AUG-00		6010
			CR	14.*	ppm	MDK	04-AUG-00		6010
			CU	17.*	ppm	MDK	04-AUG-00		6010
			HG	0.29	ppm	EH	30-JUN-00		7471
			MN	185.	ppm	MDK	04 AUG-00		6010
			MOIST.	18.	%	MJF	25-JUN-00		GRAV.
			NI	10.	ppm	MDK	04-AUG-00		6010
			PB	27.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	19.	ppm	MDK	04-AUG-00		6010
			ZN	516.	ppm	MDK	04-AUG-00		6010
L000919-002	13-JUN-00	B-104 (0-0.5)	AG	74.	ppm	MDK	04-AUG-00		6010
			AS	603.	ppm	MDK	04-AUG-00		6010
			BA	990.	ppm	MDK	04-AUG-00		6010
			BI	18.	ppm	MDK	04-AUG-00		6010
			CD	566.	ppm	MDK	04-AUG-00		6010
			CN-	0.88	ppm	DC	21-JUN-00		335.2
			CO	93.	ppm	MDK	04-AUG-00		6010
			CR	102.*	ppm	MDK	04-AUG-00		6010
			CU	6961.*	ppm	MDK	04-AUG-00		6010
			HG	3.4	ppm	EH	30-JUN-00		7471
			MN	2665.	ppm	MDK	04-AUG-00		6010
			MOIST.	18.	%	MJF	25-JUN-00		GRAV.
			NI	110.	ppm	MDK	04-AUG-00		6010
			PB	5971.	ppm	MDK	04-AUG-00		6010
			SB	64.*	ppm	MDK	04-AUG-00		6010
			SE	6.	ppm	MDK	04-AUG-00		6010
			SN	128.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-002	13-JUN-00	B-104 (0-0.5)	V	23.	ppm	MDK	04-AUG-00		6010
			ZN	130200.	ppm	MDK	16-SEP-00		6010
L000919-003	13-JUN-00	B-35 (0-0.5)	AG	31.	ppm	MDK	04-AUG-00		6010
			AS	110.	ppm	MDK	04-AUG-00		6010
			BA	665.	ppm	MDK	04-AUG-00		6010
			BI	41.	ppm	MDK	04-AUG-00		6010
			CD	785.	ppm	MDK	04-AUG-00		6010
			CN-	1.2	ppm	DC	21-JUN-00		335.2
			CO	64.	ppm	MDK	04-AUG-00		6010
			CR	235.*	ppm	MDK	04-AUG-00		6010
			CU	2272.*	ppm	MDK	04-AUG-00		6010
			HG	1.5	ppm	EH	30-JUN-00		7471
			MN	234.	ppm	MDK	04-AUG-00		6010
			MOIST.	8.6	%	MJF	25-JUN-00		GRAV.
			NI	403.	ppm	MDK	04-AUG-00		6010
			PB	12260.	ppm	MDK	04-AUG-00		6010
			SB	28.*	ppm	MDK	04-AUG-00		6010
			SE	10.	ppm	MDK	04-AUG-00		6010
			SN	116.	ppm	MDK	04-AUG-00		6010
			TL	15.	ppm	MDK	04-AUG-00		6010
			V	23.	ppm	MDK	04-AUG-00		6010
			ZN	4283.	ppm	MDK	04-AUG-00		6010
L000919-004	13-JUN-00	B-36 (0-0.5)	AG	5.	ppm	MDK	04-AUG-00		6010
			AS	12.	ppm	MDK	04-AUG-00		6010
			BA	170.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	31.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	6.	ppm	MDK	04-AUG-00		6010
			CR	47.*	ppm	MDK	04-AUG-00		6010
			CU	126.*	ppm	MDK	04-AUG-00		6010
			HG	1.7	ppm	EH	30-JUN-00		7471
			MN	235.	ppm	MDK	04-AUG-00		6010
			MOIST.	12.	%	MJF	25-JUN-00		GRAV.
			NI	26.	ppm	MDK	04-AUG-00		6010
			PB	160.	ppm	MDK	04-AUG-00		6010
			SB	2.*	ppm	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-004	13-JUN-00	B-36 (0-0.5)	SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	6.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	19.	ppm	MDK	04-AUG-00		6010
			ZN	2490.	ppm	MDK	04-AUG-00		6010
L000919-005	13-JUN-00	B-37 (0-0.5)	AG	14.	ppm	MDK	04-AUG-00		6010
			AS	44.	ppm	MDK	04-AUG-00		6010
			BA	310.	ppm	MDK	04-AUG-00		6010
			BI	4.	ppm	MDK	04-AUG-00		6010
			CD	155.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	16.	ppm	MDK	04-AUG-00		6010
			CR	61.*	ppm	MDK	04-AUG-00		6010
			CU	393.*	ppm	MDK	04-AUG-00		6010
			HG	7.2	ppm	EH	30-JUN-00		7471
			MN	640.	ppm	MDK	04-AUG-00		6010
			MOIST.	11.	%	MJF	25-JUN-00		GRAV.
			NI	42.	ppm	MDK	04-AUG-00		6010
			PB	985.	ppm	MDK	04-AUG-00		6010
			SB	11.*	ppm	MDK	04-AUG-00		6010
			SE	6.	ppm	MDK	04-AUG-00		6010
			SN	27.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010
			V	17.	ppm	MDK	04-AUG-00		6010
			ZN	18660.	ppm	MDK	16-SEP-00		6010
L000919-006	13-JUN-00	B-38 (0-0.5)	AG	9.	ppm	MDK	04-AUG-00		6010
			AS	43.	ppm	MDK	04-AUG-00		6010
			BA	222.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	100.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	12.	ppm	MDK	04-AUG-00		6010
			CR	53.*	ppm	MDK	04-AUG-00		6010
			CU	405.*	ppm	MDK	04-AUG-00		6010
			HG	0.35	ppm	EH	30-JUN-00		7471
			MN	939.	ppm	MDK	04-AUG-00		6010
			MOIST.	17.	%	MJF	25-JUN-00		GRAV.

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-006	13-JUN-00	B-38 (0-0.5)	NI	32.	ppm	MDK	04-AUG-00		6010
			PB	1020.	ppm	MDK	04-AUG-00		6010
			SB	8.*	ppm	MDK	04-AUG-00		6010
			SE	1.	ppm	MDK	04-AUG-00		6010
			SN	19.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010
			V	24.	ppm	MDK	04-AUG-00		6010
			ZN	13540.	ppm	MDK	16-SEP-00		6010
L000919-007	13-JUN-00	B-39 (0-0.5)	AG	2.	ppm	MDK	04-AUG-00		6010
			AS	6.	ppm	MDK	04-AUG-00		6010
			BA	233.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	3.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	7.	ppm	MDK	04-AUG-00		6010
			CR	24.*	ppm	MDK	04-AUG-00		6010
			CU	28.*	ppm	MDK	04-AUG-00		6010
			HG	1.1	ppm	EH	30-JUN-00		7471
			MN	371.	ppm	MDK	04-AUG-00		6010
			MOIST.	21.	%	MJF	25-JUN-00		GRAV.
			NI	16.	ppm	MDK	04-AUG-00		6010
			PB	60.	ppm	MDK	04-AUG-00		6010
			SB	3.*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	9.	ppm	MDK	04-AUG-00		6010
			TL	1.	ppm	MDK	04-AUG-00		6010
			V	28.	ppm	MDK	04-AUG-00		6010
			ZN	1700.	ppm	MDK	04-AUG-00		6010
L000919-008	13-JUN-00	B-40 (0-0.5)	AG	11.	ppm	MDK	04-AUG-00		6010
			AS	140.	ppm	MDK	04-AUG-00		6010
			BA	546.	ppm	MDK	04-AUG-00		6010
			BI	5.	ppm	MDK	04-AUG-00		6010
			CD	53.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	21.	ppm	MDK	04-AUG-00		6010
			CR	40.*	ppm	MDK	04-AUG-00		6010
			CU	1050.*	ppm	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-008	13-JUN-00	B-40 (0-0.5)	HG	0.26	ppm	EH	30-JUN-00		7471
			MN	3786.	ppm	MDK	04-AUG-00		6010
			MOIST.	13.	%	MJF	25-JUN-00		GRAV.
			NI	178.	ppm	MDK	04-AUG-00		6010
			PB	2420.	ppm	MDK	04-AUG-00		6010
			SB	96.*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	253.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010
			V	27.	ppm	MDK	04-AUG-00		6010
			ZN	29800.	ppm	MDK	16-SEP-00		6010
L000919-009	13-JUN-00	DUPLICATE 4	AG	47.	ppm	MDK	04-AUG-00		6010
			AS	428.	ppm	MDK	04-AUG-00		6010
			BA	418.	ppm	MDK	04-AUG-00		6010
			BI	87.	ppm	MDK	04-AUG-00		6010
			CD	1668.	ppm	MDK	04-AUG-00		6010
			CN-	0.60	ppm	DC	21-JUN-00		335.2
			CO	272.	ppm	MDK	04-AUG-00		6010
			CR	311.*	ppm	MDK	04-AUG-00		6010
			CU	11060.*	ppm	MDK	04-AUG-00		6010
			HG	7.8	ppm	EH	30-JUN-00		7471
			MN	276.	ppm	MDK	04-AUG-00		6010
			MOIST.	12.	%	MJF	25-JUN-00		GRAV.
			NI	1600.	ppm	MDK	04-AUG-00		6010
			PB	42850.	ppm	MDK	16-SEP-00		6010
			SB	93.*	ppm	MDK	04-AUG-00		6010
			SE	24.	ppm	MDK	04-AUG-00		6010
			SN	317.	ppm	MDK	04-AUG-00		6010
			TL	20.	ppm	MDK	04-AUG-00		6010
			V	20.	ppm	MDK	04-AUG-00		6010
			ZN	8811.	ppm	MDK	04-AUG-00		6010
L000919-010	13-JUN-00	DUPLICATE 5	AG	23.	ppm	MDK	04-AUG-00		6010
			AS	77.	ppm	MDK	04-AUG-00		6010
			BA	294.	ppm	MDK	04-AUG-00		6010
			BI	9.	ppm	MDK	04-AUG-00		6010
			CD	369.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-010	13-JUN-00	DUPLICATE 5	CO	20.	ppm	MDK	04-AUG-00		6010
			CR	38.*	ppm	MDK	04-AUG-00		6010
			CU	887.*	ppm	MDK	04-AUG-00		6010
			HG	0.92	ppm	EH	30-JUN-00		7471
			MN	1000.	ppm	MDK	04-AUG-00		6010
			MOIST.	10.	%	MJF	25-JUN-00		GRAV.
			NI	38.	ppm	MDK	04-AUG-00		6010
			PB	2170.	ppm	MDK	04-AUG-00		6010
			SB	20.*	ppm	MDK	04-AUG-00		6010
			SE	1.	ppm	MDK	04-AUG-00		6010
			SN	46.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010
			V	11.	ppm	MDK	04-AUG-00		6010
			ZN	34130.	ppm	MDK	16-SEP-00		6010
L000919-011	13-JUN-00	DUPLICATE 6	AG	4.	ppm	MDK	04-AUG-00		6010
			AS	13.	ppm	MDK	04-AUG-00		6010
			BA	261.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	14.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	7.	ppm	MDK	04-AUG-00		6010
			CR	22.*	ppm	MDK	04-AUG-00		6010
			CU	132.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	309.	ppm	MDK	04-AUG-00		6010
			MOIST.	16.	%	MJF	25-JUN-00		GRAV.
			NI	39.	ppm	MDK	04-AUG-00		6010
			PB	274.	ppm	MDK	04-AUG-00		6010
			SB	7.*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	22.	ppm	MDK	04-AUG-00		6010
			TL	8.	ppm	MDK	04-AUG-00		6010
			V	23.	ppm	MDK	04-AUG-00		6010
			ZN	3195.	ppm	MDK	04-AUG-00		6010
L000919-012	14-JUN-00	B71 (0-0.5)	AG	1.	ppm	MDK	04-AUG-00		6010
			AS	<5.	ppm	MDK	04-AUG-00		6010
			BA	65.	ppm	MDK	04-AUG-00		6010

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L000919-012	14-JUN-00	B71 (0-0.5)	BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	3.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	20.	ppm	MDK	04-AUG-00		6010
			CR	28.*	ppm	MDK	04-AUG-00		6010
			CU	178.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	2356.	ppm	MDK	04-AUG-00		6010
			MOIST.	18.	%	MJF	25-JUN-00		GRAV.
			NI	17.	ppm	MDK	04-AUG-00		6010
			PB	31.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	3.	ppm	MDK	04-AUG-00		6010
			V	13.	ppm	MDK	04-AUG-00		6010
			ZN	983.	ppm	MDK	04-AUG-00		6010
L000919-013	14-JUN-00	DUPLICATE 7	AG	144.	ppm	MDK	04-AUG-00		6010
			AS	698.	ppm	MDK	04-AUG-00		6010
			BA	1329.	ppm	MDK	16-SEP-00		6010
			BI	18.	ppm	MDK	04-AUG-00		6010
			CD	696.	ppm	MDK	04-AUG-00		6010
			CN-	5.5	ppm	DC	27-JUN-00		335.2
			CO	291.	ppm	MDK	04-AUG-00		6010
			CR	215.*	ppm	MDK	04-AUG-00		6010
			CU	5575.*	ppm	MDK	04-AUG-00		6010
			HG	2.8	ppm	EH	30-JUN-00		7471
			MN	37330.	ppm	MDK	16-SEP-00		6010
			MOIST.	16.	%	MJF	25-JUN-00		GRAV.
			NI	234.	ppm	MDK	04-AUG-00		6010
			PB	18730.	ppm	MDK	04-AUG-00		6010
			SB	112.*	ppm	MDK	04-AUG-00		6010
			SE	11.	ppm	MDK	04-AUG-00		6010
			SN	234.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010
			V	43.	ppm	MDK	04-AUG-00		6010
			ZN	78920.	ppm	MDK	16-SEP-00		6010

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L000919-014	14-JUN-00	DUPLICATE 8	AG	31.	ppm	MDK	04-AUG-00		6010
			AS	104.	ppm	MDK	04-AUG-00		6010
			BA	444.	ppm	MDK	04-AUG-00		6010
			BI	7.	ppm	MDK	04-AUG-00		6010
			CD	374.	ppm	MDK	04-AUG-00		6010
			CN-	0.66	ppm	DC	21-JUN-00		335.2
			CO	52.	ppm	MDK	04-AUG-00		6010
			CR	82.*	ppm	MDK	04-AUG-00		6010
			CU	1380.*	ppm	MDK	04-AUG-00		6010
			HG	1.4	ppm	EH	30-JUN-00		7471
			MN	1370.	ppm	MDK	04-AUG-00		6010
			MOIST.	13.	%	MJF	25-JUN-00		GRAV.
			NI	93.	ppm	MDK	04-AUG-00		6010
			PB	4214.	ppm	MDK	04-AUG-00		6010
			SB	22.*	ppm	MDK	04-AUG-00		6010
			SE	3.	ppm	MDK	04-AUG-00		6010
			SN	58.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010
			V	14.	ppm	MDK	04-AUG-00		6010
			ZN	27130.	ppm	MDK	16-SEP-00		6010
L000919-015	14-JUN-00	B72 (0-0.5)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	<5.	ppm	MDK	04-AUG-00		6010
			BA	66.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	3.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	<5.	ppm	MDK	04-AUG-00		6010
			CR	11.*	ppm	MDK	04-AUG-00		6010
			CU	74.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	1484.	ppm	MDK	04-AUG-00		6010
			MOIST.	18.	%	MJF	25-JUN-00		GRAV.
			NI	6.	ppm	MDK	04-AUG-00		6010
			PB	42.	ppm	MDK	04-AUG-00		6010
			SB	2.*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010

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L000919-015	14-JUN-00	B72 (0-0.5)	V	13.	ppm	MDK	04-AUG-00		6010
			ZN	19120.	ppm	MDK	16-SEP-00		6010
L000919-016	14-JUN-00	B111 (0-0.5)	AG	73.	ppm	MDK	04-AUG-00		6010
			AS	412.	ppm	MDK	04-AUG-00		6010
			BA	886.	ppm	MDK	04-AUG-00		6010
			BI	20.	ppm	MDK	04-AUG-00		6010
			CD	545.	ppm	MDK	04-AUG-00		6010
			CN-	2.2	ppm	DC	21-JUN-00		335.2
			CO	383.	ppm	MDK	04-AUG-00		6010
			CR	183.*	ppm	MDK	04-AUG-00		6010
			CU	3785.*	ppm	MDK	04-AUG-00		6010
			HG	3.7	ppm	EH	30-JUN-00		7471
			MN	24850.	ppm	MDK	16-SEP-00		6010
			MOIST.	13.	%	MJF	25-JUN-00		GRAV.
			NI	288.	ppm	MDK	04-AUG-00		6010
			PB	11970.	ppm	MDK	04-AUG-00		6010
			SB	61.*	ppm	MDK	04-AUG-00		6010
			SE	6.	ppm	MDK	04-AUG-00		6010
			SN	154.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010
			V	31.	ppm	MDK	04-AUG-00		6010
			ZN	48330.	ppm	MDK	16-SEP-00		6010
L000919-017	14-JUN-00	B111 (2-2.5)	AG	12.	ppm	MDK	04-AUG-00		6010
			AS	24.	ppm	MDK	04-AUG-00		6010
			BA	207.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	24.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	17.	ppm	MDK	04-AUG-00		6010
			CR	52.*	ppm	MDK	04-AUG-00		6010
			CU	282.*	ppm	MDK	04-AUG-00		6010
			HG	0.47	ppm	EH	30-JUN-00		7471
			MN	6229.	ppm	MDK	04-AUG-00		6010
			MOIST.	20.	%	MJF	25-JUN-00		GRAV.
			NI	34.	ppm	MDK	04-AUG-00		6010
			PB	1490.	ppm	MDK	04-AUG-00		6010
			SB	6.*	ppm	MDK	04-AUG-00		6010

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L000919-017	14-JUN-00	B111 (2-2.5)	SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	10.	ppm	MDK	04-AUG-00		6010
			TL	<1.	ppm	MDK	04-AUG-00		6010
			V	23.	ppm	MDK	04-AUG-00		6010
			ZN	12900.	ppm	MDK	16-SEP-00		6010
L000919-018	14-JUN-00	B111 (5.5)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	10.	ppm	MDK	04-AUG-00		6010
			BA	384.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	3.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	8.	ppm	MDK	04-AUG-00		6010
			CR	18.*	ppm	MDK	04-AUG-00		6010
			CU	32.*	ppm	MDK	04-AUG-00		6010
			HG	0.26	ppm	EH	30-JUN-00		7471
			MN	1040.	ppm	MDK	04-AUG-00		6010
			MOIST.	24.	%	MJF	25-JUN-00		GRAV.
			NI	13.	ppm	MDK	04-AUG-00		6010
			PB	70.	ppm	MDK	04-AUG-00		6010
			SB	2.*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	51.	ppm	MDK	04-AUG-00		6010
			ZN	2250.	ppm	MDK	04-AUG-00		6010
L000919-019	14-JUN-00	B111 (8.5)	AG	2.	ppm	MDK	04-AUG-00		6010
			AS	<5.	ppm	MDK	04-AUG-00		6010
			BA	227.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	<5.	ppm	MDK	04-AUG-00		6010
			CR	12.*	ppm	MDK	04-AUG-00		6010
			CU	12.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	301.	ppm	MDK	04-AUG-00		6010
			MOIST.	20.	%	MJF	25-JUN-00		GRAV.

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L000919-019	14-JUN-00	B111 (8.5)	NI	9.	ppm	MDK	04-AUG-00		6010
			PB	13.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	40.	ppm	MDK	04-AUG-00		6010
			ZN	88.	ppm	MDK	04-AUG-00		6010
L000919-020	14-JUN-00	B111 (11.5)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	6.	ppm	MDK	04-AUG-00		6010
			BA	254.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	7.	ppm	MDK	04-AUG-00		6010
			CR	14.*	ppm	MDK	04-AUG-00		6010
			CU	11.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	354.	ppm	MDK	04-AUG-00		6010
			MOIST.	20.	%	MJF	25-JUN-00		GRAV.
			NI	11.	ppm	MDK	04-AUG-00		6010
			PB	13.	ppm	MDK	04-AUG-00		6010
			SB	1.*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	31.	ppm	MDK	04-AUG-00		6010
			ZN	61.	ppm	MDK	04-AUG-00		6010
L000919-021	14-JUN-00	B111 (14.5)	AG	1.	ppm	MDK	04-AUG-00		6010
			AS	6.	ppm	MDK	04-AUG-00		6010
			BA	223.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	7.	ppm	MDK	04-AUG-00		6010
			CR	12.*	ppm	MDK	04-AUG-00		6010
			CU	18.*	ppm	MDK	04-AUG-00		6010

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L000919-021	14-JUN-00	B111 (14.5)	HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	430.	ppm	MDK	04-AUG-00		6010
			MOIST.	22.	%	MJF	25-JUN-00		GRAV.
			NI	10.	ppm	MDK	04-AUG-00		6010
			PB	34.	ppm	MDK	04-AUG-00		6010
			SB	1.*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	25.	ppm	MDK	04-AUG-00		6010
			ZN	118.	ppm	MDK	04-AUG-00		6010
L000919-022	14-JUN-00	B111 (17.5)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	7.	ppm	MDK	04-AUG-00		6010
			BA	269.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	9.	ppm	MDK	04-AUG-00		6010
			CR	16.*	ppm	MDK	04-AUG-00		6010
			CU	15.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	439.	ppm	MDK	04-AUG-00		6010
			MOIST.	24.	%	MJF	25-JUN-00		GRAV.
			NI	13.	ppm	MDK	04-AUG-00		6010
			PB	38.	ppm	MDK	04-AUG-00		6010
			SB	2.*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	34.	ppm	MDK	04-AUG-00		6010
			ZN	84.	ppm	MDK	04-AUG-00		6010
L000919-023	14-JUN-00	B111 (20-20.5)	AG	3.	ppm	MDK	04-AUG-00		6010
			AS	9.	ppm	MDK	04-AUG-00		6010
			BA	371.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2

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L000919-023	14-JUN-00	B111 (20-20.5)	CO	9.	ppm	MDK	04-AUG-00		6010
			CR	18.*	ppm	MDK	04-AUG-00		6010
			CU	25.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	649.	ppm	MDK	04-AUG-00		6010
			MOIST.	24.	%	MJF	25-JUN-00		GRAV.
			NI	14.	ppm	MDK	04-AUG-00		6010
			PB	93.	ppm	MDK	04-AUG-00		6010
			SB	2.*	ppm	MDK	04-AUG-00		6010
			SE	1.	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	40.	ppm	MDK	04-AUG-00		6010
			ZN	150.	ppm	MDK	04-AUG-00		6010
L000919-024	14-JUN-00	B74 (0-0.5)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	<5.	ppm	MDK	04-AUG-00		6010
			BA	79.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	26-JUN-00		335.2
			CO	6.	ppm	MDK	04-AUG-00		6010
			CR	22.*	ppm	MDK	04-AUG-00		6010
			CU	10.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	204.	ppm	MDK	04-AUG-00		6010
			MOIST.	17.	%	MJF	25-JUN-00		GRAV.
			NI	16.	ppm	MDK	04-AUG-00		6010
			PB	13.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	17.	ppm	MDK	04-AUG-00		6010
			ZN	399.	ppm	MDK	04-AUG-00		6010
L000919-025	14-JUN-00	B110 (0-0.5)	AG	19.	ppm	MDK	04-AUG-00		6010
			AS	30.	ppm	MDK	04-AUG-00		6010
			BA	441.	ppm	MDK	04-AUG-00		6010

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Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-025	14-JUN-00	B110 (0-0.5)	BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	109.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	26-JUN-00		335.2
			CO	16.	ppm	MDK	04-AUG-00		6010
			CR	60.*	ppm	MDK	04-AUG-00		6010
			CU	443.*	ppm	MDK	04-AUG-00		6010
			HG	0.24	ppm	EH	30-JUN-00		7471
			MN	727.	ppm	MDK	04-AUG-00		6010
			MOIST.	14.	%	MJF	25-JUN-00		GRAV.
			NI	45.	ppm	MDK	04-AUG-00		6010
			PB	2150.	ppm	MDK	04-AUG-00		6010
			SB	7.*	ppm	MDK	04-AUG-00		6010
			SE	2.	ppm	MDK	04-AUG-00		6010
			SN	25.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	20.	ppm	MDK	04-AUG-00		6010
			ZN	8113.	ppm	MDK	04-AUG-00		6010
L000919-026	14-JUN-00	B110 (2-2.5)	AG	2.	ppm	MDK	04-AUG-00		6010
			AS	5.	ppm	MDK	04-AUG-00		6010
			BA	273.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	26-JUN-00		335.2
			CO	<5.	ppm	MDK	04-AUG-00		6010
			CR	22.*	ppm	MDK	04-AUG-00		6010
			CU	16.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	280.	ppm	MDK	04-AUG-00		6010
			MOIST.	16.	%	MJF	25-JUN-00		GRAV.
			NI	13.	ppm	MDK	04-AUG-00		6010
			PB	25.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	7.	ppm	MDK	04-AUG-00		6010
			V	25.	ppm	MDK	04-AUG-00		6010
			ZN	147.	ppm	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-027	14-JUN-00	B110 (5.5)	AG	1.	ppm	MDK	04-AUG-00		6010
			AS	6.	ppm	MDK	04-AUG-00		6010
			BA	226.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	26-JUN-00		335.2
			CO	6.	ppm	MDK	04-AUG-00		6010
			CR	13.*	ppm	MDK	04-AUG-00		6010
			CU	9.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	372.	ppm	MDK	04-AUG-00		6010
			MOIST.	17.	%	MJF	25-JUN-00		GRAV.
			NI	10.	ppm	MDK	04-AUG-00		6010
			PB	13.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	5.	ppm	MDK	04-AUG-00		6010
			V	33.	ppm	MDK	04-AUG-00		6010
			ZN	62.	ppm	MDK	04-AUG-00		6010
L000919-028	14-JUN-00	B110 (8.5)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	<5.	ppm	MDK	04-AUG-00		6010
			BA	212.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	2.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	26-JUN-00		335.2
			CO	<5.	ppm	MDK	04-AUG-00		6010
			CR	17.*	ppm	MDK	04-AUG-00		6010
			CU	16.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	237.	ppm	MDK	04-AUG-00		6010
			MOIST.	21.	%	MJF	25-JUN-00		GRAV.
			NI	10.	ppm	MDK	04-AUG-00		6010
			PB	32.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-028	14-JUN-00	B110 (8.5)	V	20.	ppm	MDK	04-AUG-00		6010
			ZN	353.	ppm	MDK	04-AUG-00		6010
L000919-029	14-JUN-00	B110 (11.5)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	9.	ppm	MDK	04-AUG-00		6010
			BA	56.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	26-JUN-00		335.2
			CO	7.	ppm	MDK	04-AUG-00		6010
			CR	22.*	ppm	MDK	04-AUG-00		6010
			CU	12.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	436.	ppm	MDK	04-AUG-00		6010
			MOIST.	23.	%	MJF	25-JUN-00		GRAV.
			NI	15.	ppm	MDK	04-AUG-00		6010
			PB	11.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	4.	ppm	MDK	04-AUG-00		6010
			V	43.	ppm	MDK	04-AUG-00		6010
			ZN	81.	ppm	MDK	04-AUG-00		6010
L000919-030	14-JUN-00	B110 (14.5)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	11.	ppm	MDK	04-AUG-00		6010
			BA	267.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	26-JUN-00		335.2
			CO	10.	ppm	MDK	04-AUG-00		6010
			CR	18.*	ppm	MDK	04-AUG-00		6010
			CU	11.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	1480.	ppm	MDK	04-AUG-00		6010
			MOIST.	22.	%	MJF	25-JUN-00		GRAV.
			NI	15.	ppm	MDK	04-AUG-00		6010
			PB	11.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000919

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000919-030	14-JUN-00	B110 (14.5)	SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	37.	ppm	MDK	04-AUG-00		6010
			ZN	57.	ppm	MDK	04-AUG-00		6010
L000919-031	14-JUN-00	B110 (15.5-16)	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	<5.	ppm	MDK	04-AUG-00		6010
			BA	240.	ppm	MDK	04-AUG-00		6010
			BI	<4.	ppm	MDK	04-AUG-00		6010
			CD	<1.	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	26-JUN-00		335.2
			CO	<5.	ppm	MDK	04-AUG-00		6010
			CR	16.*	ppm	MDK	04-AUG-00		6010
			CU	5.*	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	294.	ppm	MDK	04-AUG-00		6010
			MOIST.	16.	%	MJF	25-JUN-00		GRAV.
			NI	9.	ppm	MDK	04-AUG-00		6010
			PB	7.	ppm	MDK	04-AUG-00		6010
			SB	<0.8*	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.	ppm	MDK	04-AUG-00		6010
			TL	2.	ppm	MDK	04-AUG-00		6010
			V	12.	ppm	MDK	04-AUG-00		6010
			ZN	26.	ppm	MDK	04-AUG-00		6010

(*) Quality control data indicates a possible bias. See QC report for details.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8212)

Batch No: WG000491

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000491-1		Matrix Spike	AG	110	%Recovery	MDK	04-AUG-00		6010
			AS	95	%Recovery	MDK	04-AUG-00		6010
			BA	97	%Recovery	MDK	04-AUG-00		6010
			BI	93	%Recovery	MDK	04-AUG-00		6010
			CD	100	%Recovery	MDK	04-AUG-00		6010
			CN-	120	%Recovery	DC	21-JUN-00		335.2
			CO	91	%Recovery	MDK	04-AUG-00		6010
			CR	196*	%Recovery	MDK	04-AUG-00		6010
			CU	152*	%Recovery	MDK	04-AUG-00		6010
			HG	104	%Recovery	EH	30-JUN-00		7471
			MN	101	%Recovery	MDK	04-AUG-00		6010
			NI	111	%Recovery	MDK	04-AUG-00		6010
			PB	90	%Recovery	MDK	04-AUG-00		6010
			SB	67*	%Recovery	MDK	04-AUG-00		6010
			SE	79	%Recovery	MDK	04-AUG-00		6010
			SN	92	%Recovery	MDK	04-AUG-00		6010
			TL	83	%Recovery	MDK	04-AUG-00		6010
			V	99	%Recovery	MDK	04-AUG-00		6010
			ZN	SR>4SA	%Recovery	MDK	16-AUG-00		6010
WG000491-2		Prep Blank	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	<5.0	ppm	MDK	04-AUG-00		6010
			BA	<5.0	ppm	MDK	04-AUG-00		6010
			BI	<4.0	ppm	MDK	04-AUG-00		6010
			CD	<1.0	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	<5.0	ppm	MDK	04-AUG-00		6010
			CR	<5.0	ppm	MDK	04-AUG-00		6010
			CU	<5.0	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	<5.0	ppm	MDK	04-AUG-00		6010
			NI	<5.0	ppm	MDK	04-AUG-00		6010
			PB	<5.0	ppm	MDK	04-AUG-00		6010
			SB	<0.8	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.0	ppm	MDK	04-AUG-00		6010
			TL	2.0	ppm	MDK	04-AUG-00		6010
			V	<5.0	ppm	MDK	04-AUG-00		6010
			ZN	<5.0	ppm	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8212)

Batch No: WG000491

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000491-3		Lab Control Sample	AG	97	%Recovery	MDK	04-AUG-00		6010
			AS	94	%Recovery	MDK	04-AUG-00		6010
			BA	95	%Recovery	MDK	04-AUG-00		6010
			BI	94	%Recovery	MDK	04-AUG-00		6010
			CD	92	%Recovery	MDK	04-AUG-00		6010
			CN-	104	%Recovery	DC	21-JUN-00		335.2
			CO	93	%Recovery	MDK	04-AUG-00		6010
			CR	96	%Recovery	MDK	04-AUG-00		6010
			CU	102	%Recovery	MDK	04-AUG-00		6010
			HG	106	%Recovery	EH	30-JUN-00		7471
			MN	97	%Recovery	MDK	04-AUG-00		6010
			NI	95	%Recovery	MDK	04-AUG-00		6010
			PB	93.	%Recovery	MDK	04-AUG-00		6010
			SB	150**	%Recovery	MDK	04-AUG-00		6010
			SE	80	%Recovery	MDK	04-AUG-00		6010
			SN	105	%Recovery	MDK	04-AUG-00		6010
			TL	102	%Recovery	MDK	04-AUG-00		6010
			V	96	%Recovery	MDK	04-AUG-00		6010
			ZN	99	%Recovery	MDK	04-AUG-00		6010
WG000491-4		Matrix Spike Duplicate	AG	2.2	% RPD	MDK	04-AUG-00		6010
			AS	4.1	% RPD	MDK	04-AUG-00		6010
			BA	4.4	% RPD	MDK	04-AUG-00		6010
			BI	<1	% RPD	MDK	04-AUG-00		6010
			CD	2.8	% RPD	MDK	04-AUG-00		6010
			CO	<1	% RPD	MDK	04-AUG-00		6010
			CR	19	% RPD	MDK	04-AUG-00		6010
			CU	3.3	% RPD	MDK	04-AUG-00		6010
			HG	8.4	% RPD	EH	30-JUN-00		7471
			MN	7.0	% RPD	MDK	04-AUG-00		6010
			NI	6.2	% RPD	MDK	04-AUG-00		6010
			PB	5.2	% RPD	MDK	04-AUG-00		6010
			SB	6.2	% RPD	MDK	04-AUG-00		6010
			SE	4.9	% RPD	MDK	04-AUG-00		6010
			SN	<1	% RPD	MDK	04-AUG-00		6010
			TL	1.2	% RPD	MDK	04-AUG-00		6010
			V	1.6	% RPD	MDK	04-AUG-00		6010
			ZN	3.7	% RPD	MDK	16-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8212)

Batch No: WG000491

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000491-5		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.8	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000491-6		Matrix Spike	AG	107	%Recovery	MDK	04-AUG-00		6010
			AS	91	%Recovery	MDK	04-AUG-00		6010
			BA	96	%Recovery	MDK	04-AUG-00		6010
			BI	95	%Recovery	MDK	04-AUG-00		6010
			CD	111	%Recovery	MDK	04-AUG-00		6010
			CN-	112	%Recovery	DC	21-JUN-00		335.2
			CO	92	%Recovery	MDK	04-AUG-00		6010
			CR	159*	%Recovery	MDK	04-AUG-00		6010
			CU	149*	%Recovery	MDK	04-AUG-00		6010
			HG	92	%Recovery	EH	30-JUN-00		7471
			MN	SR>4SA	%Recovery	MDK	04-AUG-00		6010
			NI	104	%Recovery	MDK	04-AUG-00		6010
			PB	SR>4SA	%Recovery	MDK	04-AUG-00		6010
			SB	64*	%Recovery	MDK	04-AUG-00		6010
			SE	78	%Recovery	MDK	04-AUG-00		6010
			SN	94	%Recovery	MDK	04-AUG-00		6010
			TL	83	%Recovery	MDK	04-AUG-00		6010
			V	101	%Recovery	MDK	04-AUG-00		6010
			ZN	SR>4SA	%Recovery	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8212)

Batch No: WG000491

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000491-7		Prep Blank	AG	<0.5	ppm	MDK	04-AUG-00		6010
			AS	<5.0	ppm	MDK	04-AUG-00		6010
			BA	<5.0	ppm	MDK	04-AUG-00		6010
			BI	<4.0	ppm	MDK	04-AUG-00		6010
			CD	<1.0	ppm	MDK	04-AUG-00		6010
			CN-	<0.04	ppm	DC	21-JUN-00		335.2
			CO	<5.0	ppm	MDK	04-AUG-00		6010
			CR	<5.0	ppm	MDK	04-AUG-00		6010
			CU	<5.0	ppm	MDK	04-AUG-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	<5.0	ppm	MDK	04-AUG-00		6010
			NI	<5.0	ppm	MDK	04-AUG-00		6010
			PB	<5.0	ppm	MDK	04-AUG-00		6010
			SB	<0.8	ppm	MDK	04-AUG-00		6010
			SE	<0.8	ppm	MDK	04-AUG-00		6010
			SN	<5.0	ppm	MDK	04-AUG-00		6010
			TL	1.1	ppm	MDK	04-AUG-00		6010
			V	<5.0	ppm	MDK	04-AUG-00		6010
			ZN	<5.0	ppm	MDK	04-AUG-00		6010
WG000491-8		Lab Control Sample	AG	104	%Recovery	MDK	04-AUG-00		6010
			AS	100	%Recovery	MDK	04-AUG-00		6010
			BA	100	%Recovery	MDK	04-AUG-00		6010
			BI	95	%Recovery	MDK	04-AUG-00		6010
			CD	96	%Recovery	MDK	04-AUG-00		6010
			CN-	112	%Recovery	DC	21-JUN-00		335.2
			CO	99	%Recovery	MDK	04-AUG-00		6010
			CR	102	%Recovery	MDK	04-AUG-00		6010
			CU	110	%Recovery	MDK	04-AUG-00		6010
			HG	98	%Recovery	EH	30-JUN-00		7471
			MN	108	%Recovery	MDK	04-AUG-00		6010
			NI	100	%Recovery	MDK	04-AUG-00		6010
			PB	98	%Recovery	MDK	04-AUG-00		6010
			SB	163**	%Recovery	MDK	04-AUG-00		6010
			SE	87	%Recovery	MDK	04-AUG-00		6010
			SN	111	%Recovery	MDK	04-AUG-00		6010
			TL	99	%Recovery	MDK	04-AUG-00		6010
			V	104	%Recovery	MDK	04-AUG-00		6010
			ZN	100	%Recovery	MDK	04-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Industrial Hygiene (OSHA/MSHA) (Project 8212)

Batch No: WG000491

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000491-9		Matrix Spike Duplicate	AG	<1	% RPD	MDK	04-AUG-00		6010
			AS	1	% RPD	MDK	04-AUG-00		6010
			BA	<1	% RPD	MDK	04-AUG-00		6010
			BI	<1	% RPD	MDK	04-AUG-00		6010
			CD	2.5	% RPD	MDK	04-AUG-00		6010
			CO	2.4	% RPD	MDK	04-AUG-00		6010
			CR	<1	% RPD	MDK	04-AUG-00		6010
			CU	<1	% RPD	MDK	04-AUG-00		6010
			MN	5.9	% RPD	MDK	04-AUG-00		6010
			NI	<1	% RPD	MDK	04-AUG-00		6010
			PB	4.3	% RPD	MDK	04-AUG-00		6010
			SB	4.3	% RPD	MDK	04-AUG-00		6010
			SE	1.6	% RPD	MDK	04-AUG-00		6010
			SN	1.4	% RPD	MDK	04-AUG-00		6010
			TL	<1	% RPD	MDK	04-AUG-00		6010
			V	<1	% RPD	MDK	04-AUG-00		6010
			ZN	2.9	% RPD	MDK	04-AUG-00		6010
WG000491-11		Duplicate	CN-	<1	% RPD	DC	27-JUN-00		335.2
			MOIST.	4.7	% RPD	MJF	25-JUN-00		GRAV.
WG000491-12		Duplicate	CN-	<1	% RPD	DC	27-JUN-00		335.2
			MOIST.	<1	% RPD	MJF	25-JUN-00		GRAV.

* = Spikes outside acceptance limits due to matrix interference.
** = LCS for Sb is within ERA (244) 95% confidence interval.

AKH for VPK
Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000949

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000949-001	19-JUN-00	B43 (0-0.5)	AG	2.	ppm	MDK	02-AUG-00		6010
			AS	<5.	ppm	MDK	02-AUG-00		6010
			BA	449.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	6.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	7.	ppm	MDK	02-AUG-00		6010
			CR	16.	ppm	MDK	02-AUG-00		6010
			CU	80.	ppm	MDK	02-AUG-00		6010
			HG	0.15	ppm	EH	05-JUL-00		7471
			MN	155.	ppm	MDK	02-AUG-00		6010
			MOIST.	14.	%	MF	28-JUN-00		GRAV.
			NI	27.	ppm	MDK	02-AUG-00		6010
			PB	97.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	1.	ppm	MDK	02-AUG-00		6010
			SN	5.	ppm	MDK	02-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	19.	ppm	MDK	02-AUG-00		6010
			ZN	354.	ppm	MDK	02-AUG-00		6010
L000949-002	19-JUN-00	B41 (0-0.5)	AG	6.	ppm	MDK	02-AUG-00		6010
			AS	23.	ppm	MDK	02-AUG-00		6010
			BA	245.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	72.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	9.	ppm	MDK	02-AUG-00		6010
			CR	75.	ppm	MDK	02-AUG-00		6010
			CU	138.	ppm	MDK	02-AUG-00		6010
			HG	1.4	ppm	EH	05-JUL-00		7471
			MN	504.	ppm	MDK	02-AUG-00		6010
			MOIST.	7.7	%	MF	28-JUN-00		GRAV.
			NI	32.	ppm	MDK	02-AUG-00		6010
			PB	425.	ppm	MDK	02-AUG-00		6010
			SB	7.	ppm	MDK	02-AUG-00		6010
			SE	1.	ppm	MDK	02-AUG-00		6010
			SN	26.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000949

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000949-002	19-JUN-00	B41 (0-0.5)	V	18.	ppm	MDK	02-AUG-00		6010
			ZN	8745.	ppm	MDK	02-AUG-00		6010
L000949-003	19-JUN-00	B42 (0-0.5)	AG	13.	ppm	MDK	02-AUG-00		6010
			AS	129.	ppm	MDK	02-AUG-00		6010
			BA	341.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	93.	ppm	MDK	02-AUG-00		6010
			CN-	0.07	ppm	DC	28-JUN-00		335.2
			CO	11.	ppm	MDK	02-AUG-00		6010
			CR	40.	ppm	MDK	02-AUG-00		6010
			CU	433.	ppm	MDK	02-AUG-00		6010
			HG	1.9	ppm	EH	05-JUL-00		7471
			MN	933.	ppm	MDK	02-AUG-00		6010
			MOIST.	9.5	%	MF	28-JUN-00		GRAV.
			NI	21.	ppm	MDK	02-AUG-00		6010
			PB	1730.	ppm	MDK	02-AUG-00		6010
			SB	38.	ppm	MDK	02-AUG-00		6010
			SE	2.	ppm	MDK	02-AUG-00		6010
			SN	156.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	15.	ppm	MDK	02-AUG-00		6010
			ZN	15580.	ppm	MDK	15-AUG-00		6010
L000949-004	19-JUN-00	B59 (0-0.5)	AG	<0.5	ppm	MDK	02-AUG-00		6010
			AS	5.	ppm	MDK	02-AUG-00		6010
			BA	221.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	3.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	11.	ppm	MDK	02-AUG-00		6010
			CR	18.	ppm	MDK	02-AUG-00		6010
			CU	12.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	309.	ppm	MDK	02-AUG-00		6010
			MOIST.	15.	%	MF	28-JUN-00		GRAV.
			NI	40.	ppm	MDK	02-AUG-00		6010
			PB	22.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000949

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000949-004	19-JUN-00	B59 (0-0.5)	SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	16.	ppm	MDK	02-AUG-00		6010
			ZN	577.	ppm	MDK	02-AUG-00		6010
L000949-005	19-JUN-00	B58 (0-0.5)	AG	<0.5	ppm	MDK	02-AUG-00		6010
			AS	5.	ppm	MDK	02-AUG-00		6010
			BA	198.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	<1.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	7.	ppm	MDK	02-AUG-00		6010
			CR	17.	ppm	MDK	02-AUG-00		6010
			CU	9.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	254.	ppm	MDK	02-AUG-00		6010
			MOIST.	19.	%	MF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	02-AUG-00		6010
			PB	9.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	20.	ppm	MDK	02-AUG-00		6010
			ZN	55.	ppm	MDK	02-AUG-00		6010
L000949-006	19-JUN-00	B57 (0-0.5)	AG	<0.5	ppm	MDK	02-AUG-00		6010
			AS	6.	ppm	MDK	02-AUG-00		6010
			BA	210.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	<1.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	6.	ppm	MDK	02-AUG-00		6010
			CR	11.	ppm	MDK	02-AUG-00		6010
			CU	22.	ppm	MDK	02-AUG-00		6010
			HG	0.052	ppm	EH	05-JUL-00		7471
			MN	318.	ppm	MDK	02-AUG-00		6010
			MOIST.	16.	%	MF	28-JUN-00		GRAV.

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000949-006	19-JUN-00	B57 (0-0.5)	NI	23.	ppm	MDK	02-AUG-00		6010
			PB	15.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	21.	ppm	MDK	02-AUG-00		6010
			ZN	56.	ppm	MDK	02-AUG-00		6010
L000949-007	19-JUN-00	B60 (0-0.5)	AG	<0.5	ppm	MDK	02-AUG-00		6010
			AS	10.	ppm	MDK	02-AUG-00		6010
			BA	244.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	2.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	9.	ppm	MDK	02-AUG-00		6010
			CR	18.	ppm	MDK	02-AUG-00		6010
			CU	74.	ppm	MDK	02-AUG-00		6010
			HG	0.11	ppm	EH	05-JUL-00		7471
			MN	464.	ppm	MDK	02-AUG-00		6010
			MOIST.	22.	%	MF	28-JUN-00		GRAV.
			NI	14.	ppm	MDK	02-AUG-00		6010
			PB	27.	ppm	MDK	02-AUG-00		6010
			SB	1.	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	7.	ppm	MDK	02-AUG-00		6010
			V	35.	ppm	MDK	02-AUG-00		6010
			ZN	407.	ppm	MDK	02-AUG-00		6010
L000949-008	19-JUN-00	B70 (0-0.5)	AG	<0.5	ppm	MDK	02-AUG-00		6010
			AS	<5.	ppm	MDK	02-AUG-00		6010
			BA	131.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	875.	ppm	MDK	02-AUG-00		6010
			CN-	0.11	ppm	DC	28-JUN-00		335.2
			CO	8.	ppm	MDK	02-AUG-00		6010
			CR	16.	ppm	MDK	02-AUG-00		6010
			CU	13.	ppm	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000949

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000949-008	19-JUN-00	B70 (0-0.5)	HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	545.	ppm	MDK	02-AUG-00		6010
			MOIST.	21.	%	MF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	02-AUG-00		6010
			PB	10.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	5.	ppm	MDK	02-AUG-00		6010
			V	17.	ppm	MDK	02-AUG-00		6010
			ZN	6289.	ppm	MDK	02-AUG-00		6010
L000949-009	19-JUN-00	DUPLICATE 15 (0-0.5)	AG	12.	ppm	MDK	02-AUG-00		6010
			AS	61.	ppm	MDK	02-AUG-00		6010
			BA	149.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	89.	ppm	MDK	02-AUG-00		6010
			CN-	0.06	ppm	DC	28-JUN-00		335.2
			CO	<5.	ppm	MDK	02-AUG-00		6010
			CR	19.	ppm	MDK	02-AUG-00		6010
			CU	181.	ppm	MDK	02-AUG-00		6010
			HG	2.7	ppm	EH	05-JUL-00		7471
			MN	637.	ppm	MDK	02-AUG-00		6010
			MOIST.	7.0	%	MF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	02-AUG-00		6010
			PB	921.	ppm	MDK	02-AUG-00		6010
			SB	40.	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	81.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	11.	ppm	MDK	02-AUG-00		6010
			ZN	9184.	ppm	MDK	02-AUG-00		6010
L000949-010	19-JUN-00	DUPLICATE 16 (0-0.5)	AG	1.	ppm	MDK	02-AUG-00		6010
			AS	<5.	ppm	MDK	02-AUG-00		6010
			BA	444.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	5.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000949

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000949-010	19-JUN-00	DUPLICATE 16 (0-0.5)	CO	5.	ppm	MDK	02-AUG-00		6010
			CR	23.	ppm	MDK	02-AUG-00		6010
			CU	54.	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	203.	ppm	MDK	02-AUG-00		6010
			MOIST.	13.	%	MF	28-JUN-00		GRAV.
			NI	14.	ppm	MDK	02-AUG-00		6010
			PB	32.	ppm	MDK	02-AUG-00		6010
			SB	<0.8	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	<5.	ppm	MDK	02-AUG-00		6010
			TL	2.	ppm	MDK	02-AUG-00		6010
			V	24.	ppm	MDK	02-AUG-00		6010
			ZN	320.	ppm	MDK	02-AUG-00		6010
L000949-011	19-JUN-00	DUPLICATE 17 (0-0.5)	AG	6.	ppm	MDK	02-AUG-00		6010
			AS	36.	ppm	MDK	02-AUG-00		6010
			BA	245.	ppm	MDK	02-AUG-00		6010
			BI	<4.	ppm	MDK	02-AUG-00		6010
			CD	120.	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	11.	ppm	MDK	02-AUG-00		6010
			CR	73.	ppm	MDK	02-AUG-00		6010
			CU	208.	ppm	MDK	02-AUG-00		6010
			HG	0.22	ppm	EH	05-JUL-00		7471
			MN	576.	ppm	MDK	02-AUG-00		6010
			MOIST.	7.5	%	MF	28-JUN-00		GRAV.
			NI	29.	ppm	MDK	02-AUG-00		6010
			PB	492.	ppm	MDK	02-AUG-00		6010
			SB	11.	ppm	MDK	02-AUG-00		6010
			SE	<0.8	ppm	MDK	02-AUG-00		6010
			SN	35.	ppm	MDK	02-AUG-00		6010
			TL	<1.	ppm	MDK	02-AUG-00		6010
			V	30.	ppm	MDK	02-AUG-00		6010
			ZN	10610.	ppm	MDK	15-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000949

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000664

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000664-1		Matrix Spike	AG	110	%Recovery	MDK	02-AUG-00		6010
			AS	93	%Recovery	MDK	02-AUG-00		6010
			BA	96	%Recovery	MDK	02-AUG-00		6010
			BI	98	%Recovery	MDK	02-AUG-00		6010
			CD	92	%Recovery	MDK	02-AUG-00		6010
			CN-	86	%Recovery	DC	28-JUN-00		335.2
			CO	94	%Recovery	MDK	02-AUG-00		6010
			CR	117	%Recovery	MDK	02-AUG-00		6010
			CU	117	%Recovery	MDK	02-AUG-00		6010
			HG	95	%Recovery	EH	05-JUL-00		7471
			MN	106	%Recovery	MDK	02-AUG-00		6010
			NI	101	%Recovery	MDK	02-AUG-00		6010
			PB	95	%Recovery	MDK	02-AUG-00		6010
			SB	54	%Recovery	MDK	02-AUG-00		6010
			SE	76	%Recovery	MDK	02-AUG-00		6010
			SN	98	%Recovery	MDK	02-AUG-00		6010
			TL	87	%Recovery	MDK	02-AUG-00		6010
			V	105	%Recovery	MDK	02-AUG-00		6010
			ZN	134	%Recovery	MDK	02-AUG-00		6010
WG000664-2		Prep Blank	AG	<0.50	ppm	MDK	02-AUG-00		6010
			AS	<5.0	ppm	MDK	02-AUG-00		6010
			BA	<5.0	ppm	MDK	02-AUG-00		6010
			BI	<4.0	ppm	MDK	02-AUG-00		6010
			CD	<1.0	ppm	MDK	02-AUG-00		6010
			CN-	<0.04	ppm	DC	28-JUN-00		335.2
			CO	<5.0	ppm	MDK	02-AUG-00		6010
			CR	<5.0	ppm	MDK	02-AUG-00		6010
			CU	<5.0	ppm	MDK	02-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	<5.0	ppm	MDK	02-AUG-00		6010
			NI	<5.0	ppm	MDK	02-AUG-00		6010
			PB	<5.0	ppm	MDK	02-AUG-00		6010
			SB	<0.80	ppm	MDK	02-AUG-00		6010
			SE	<0.80	ppm	MDK	02-AUG-00		6010
			SN	<5.0	ppm	MDK	02-AUG-00		6010
			TL	<1.0	ppm	MDK	02-AUG-00		6010
			V	<5.0	ppm	MDK	02-AUG-00		6010
			ZN	<5.0	ppm	MDK	02-AUG-00		6010

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Technical Services (Project 8201)

Batch No: WG000664

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000664-3		Lab Control Sample	AG	100	%Recovery	MDK	02-AUG-00		6010
			AS	99	%Recovery	MDK	02-AUG-00		6010
			BA	100	%Recovery	MDK	02-AUG-00		6010
			BI	98	%Recovery	MDK	02-AUG-00		6010
			CD	98	%Recovery	MDK	02-AUG-00		6010
			CN-	90	%Recovery	DC	28-JUN-00		335.2
			CO	98	%Recovery	MDK	02-AUG-00		6010
			CR	98	%Recovery	MDK	02-AUG-00		6010
			CU	107	%Recovery	MDK	02-AUG-00		6010
			HG	110	%Recovery	EH	05-JUL-00		7471
			MN	103	%Recovery	MDK	02-AUG-00		6010
			NI	100	%Recovery	MDK	02-AUG-00		6010
			PB	96	%Recovery	MDK	02-AUG-00		6010
			SB	133	%Recovery	MDK	02-AUG-00		6010
			SE	81	%Recovery	MDK	02-AUG-00		6010
			SN	103	%Recovery	MDK	02-AUG-00		6010
			TL	101	%Recovery	MDK	02-AUG-00		6010
			V	108	%Recovery	MDK	02-AUG-00		6010
			ZN	97	%Recovery	MDK	02-AUG-00		6010
WG000664-4		Matrix Spike Duplicate	AG	<1	% RPD	MDK	02-AUG-00		6010
			AS	<1	% RPD	MDK	02-AUG-00		6010
			BA	1.5	% RPD	MDK	02-AUG-00		6010
			BI	2.	% RPD	MDK	02-AUG-00		6010
			CD	<1	% RPD	MDK	02-AUG-00		6010
			CO	2	% RPD	MDK	02-AUG-00		6010
			CR	1.7	% RPD	MDK	02-AUG-00		6010
			CU	3.6	% RPD	MDK	02-AUG-00		6010
			HG	17	% RPD	EH	05-JUL-00		7471
			MN	<1	% RPD	MDK	02-AUG-00		6010
			NI	2.4	% RPD	MDK	02-AUG-00		6010
			PB	<1	% RPD	MDK	02-AUG-00		6010
			SB	<1	% RPD	MDK	02-AUG-00		6010
			SE	<1	% RPD	MDK	02-AUG-00		6010
			SN	3.6	% RPD	MDK	02-AUG-00		6010
			TL	1.4	% RPD	MDK	02-AUG-00		6010
			V	3.1	% RPD	MDK	02-AUG-00		6010
			ZN	17	% RPD	MDK	02-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000664

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000664-5		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000664-6		Duplicate	CN-	+/-PRDL	% RPD	DC	28-JUN-00		335.2
			MOIST.	6.9	% RPD	MF	28-JUN-00		GRAV.

Approved

Reviewed

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 3

Project Number/Name CCCCC642.0001

Project Location Cincycle, (unreadable), TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TCTMP Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass jar w/ teflon lined lid)	Remarks	Total
B71 (0-0.5)	S	6/14/00 850		1		1
B71 (2-2.5)	S	852		1 HOLD		1
B71 (5.5)	S	855		1 HOLD		1
B71 (8.5)	S	905		1 HOLD		1
B71 (11.5)	S	90-		1 HOLD		1
B71 (14.5)	S	915		1 HOLD		1
B71 (17.5)	S	930		1 HOLD		1
B71 (20.5)	S	945		1 HOLD		1
B71 (22.5-23.0)	S	950		1 HOLD		1
FIELD BLANK	L	930		1		1
EQUIPMENT-7	L	1300		1		1
DUPLICATE-7 (0-0.5)	S	—		1		1
EQUIPMENT-8	L	1400		1		1
DUPLICATE-8 (0-0.5)	S	V —		1		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 14

					Seal Intact?
Relinquished by: Brandner	Organization: ARCADIS	Date 6/14/00	Time 1605		
Received by: [illegible]	Organization: ASARCO	Date 6/15/00	Time		Yes No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: See Table G-1 in QAPP with Plan Quality Assurance Plan for Test Methods - Analyze 0-0.5' depth soil samples for all parameters, hold deeper samples until notified by ARCADIS

Results to Ken Brandner - 361-883-1353

Delivery Method: ☐ In Person ☒ Common Carrier Fed EX SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 3

Project Number/Name CCUG42LL01

Project Location Ennis, Cupp Ranch, TX

Laboratory ASTREC, Salt Lake City, UT

Project Manager Ken Gardner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TCLP Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn	ANALYSIS / METHOD / SIZE: (6 oz glass jar, Teflon lined lid)	Remarks	Total
B72 (0-0.5)	S	6/14/00 1020		1			1
B72 (2-2.5)		1022		1 HOLD			1
B72 (5.5)		1025		1 HOLD			1
B72 (8.5)		1030		1 HOLD			1
B72 (11.5)		1033		1 HOLD			1
B72 (14.5)		1045		1 HOLD			1
B72 (17-17.5)		1100		1 HOLD			1
B111 (0-0.5)		1134		1			1
B111 (2-2.5)		1136		1			1
B111 (5.5)		1145		1			1
B111 (8.5)		1149		1		- RUN ALL PARAMETERS ★	1
B111 (11.5)		1151		1			1
B111 (14.5)		1205		1			1
B111 (17.5)		1220		1			1
B111 (20-20.5)	S	1240		1			1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 15

Relinquished by: [signature]	Organization: ARCADIS	Date 6/14/00	Time 1605	Seal Intact?		
Received by: [signature]	Organization: ASTREC	Date 6/15/00	Time _____	Yes	No	N/A
Relinquished by: _____	Organization: _____	Date __/__/__	Time _____	Seal Intact?		
Received by: _____	Organization: _____	Date __/__/__	Time _____	Yes	No	N/A

Special Instructions/Remarks: See Page 1 / ★ B111 - RUN ALL PARAMETERS ON ALL DEPTHS

Delivery Method: ☐ In Person ☒ Common Carrier FedEx ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 3

Project Number/Name 60006172.0001

Project Location ENNIS Ellis County, TX

Laboratory ARCADIS Salt Lake City, UT

Project Manager Jim Brantley

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location		Matrix	Date/Time Sampled	Lab ID	TOTAL Sb, As, Ba, Cd, Cr, Co, Cu, CN, Pb	Mn, Hg, Ni, Se, Ag	Tl, Sn, V, Zn	8 oz glass, Scr w/Teflon lined lid			Remarks	Total
B74	(0-6.5)	S	6/14/00 1145		1							1
B74	(2-2.5)	S	1147		1	HOLD						1
B74	(5.5)	S	1450		1	HOLD						1
B74	(8.5)	S	1455		1	HOLD						1
B74	(11.5)	S	1459		1	HOLD						1
B74	(14.5)	S	1509		1	HOLD						1
B74	17.5	S	1510		1	HOLD						1
B74	20.5-21	S	1515		1	HOLD						1
B110	0-0.5	S	1613		1							1
B110	2-2.5	S	1615		1							1
B110	5.5	S	1620		1						* RUN ALL PARAMETERS ON ALL DEPTH OF B110	1
B110	8.5	S	1630		1							1
B110	11.5	S	1635		1							1
B110	14.5	S	1640		1							1
B110	15.5-16	S	✓ 1643		1							1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 15

					Seal Intact?
Relinquished by: Bryan Hanna	Organization: ARCADIS	Date 6/19/00	Time 1605		
Received by: Fedex	Organization: Fedex	Date 6/15/00	Time		Yes No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: See page 1 * RUN ALL DEPTH FOR B110

Delivery Method: ☐ In Person ☒ Common Carrier Fedex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 5

Project Number/Name: CC000642.0001

Project Location: ENSCO (Corpus Christi, TX)

Laboratory: Paragon, Salt Lake City, UT

Project Manager: Ken Brandner

Sampler(s)/Affiliation: AH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (6 oz glass bwl teflon lined lid)	Remarks	Total
BA3 (0-0.5)	S	0930		1		1
BA3 (2-2.5)		935		1 HOLD		1
BA3 (5.5)		930		1 HOLD		1
BA3 (8.5)		935		1 HOLD		1
BA3 (11.5)		940		1 HOLD		1
BA3 (14.5)		945		1 HOLD		1
BA3 (17-17.5)		955		1 HOLD		1
BA1 (0-0.5)		1008		1		1
BA1 (2-2.5)		1010		1 HOLD		1
BA1 (5.5)		1014		1 HOLD		1
BA1 (8.5)		1020		1 HOLD		1
BA1 (11.5)		1022		1 HOLD		1
BA1 (14.5)		1030		1 HOLD		1
BA1 (15.5-16)	S	1033		1 HOLD		1
						4

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 14

					Seal Intact?
Relinquished by: Richard Whitley	Organization: ARCADIS	Date 6/20/00	Time 1800		
Received by: Fedex	Organization: Airco	Date 6/21/00	Time 1130		(Yes) No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: See Table 6-1 in RFI Investigation Quality Assurance Plan for Test methods - Attached

* Analyze 0-0.5' depth soil samples for all parameters, HOLD deeper samples until notified by ARCADIS

Results to Ken Brandner 361-883-1353

Delivery Method: ☐ In Person ☒ Common Carrier Fed EX (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05 0597

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Project Number/Name CC000047.0001

Project Location Ingleside, Corpus Christi, TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Brandmair

Sampler(s)/Affiliation RH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn	8 oz glass w/ Teflon lined lid	Remarks	Total
B42 (0-0.5)	S	6/19/00 1040		1			1
B42 (2-2.5)		1043		1 HOLD			1
B42 (5.5)		1050		1 HOLD			1
B42 (8.5)		1055		1 HOLD			1
B42 (11.5)		1057		1 HOLD			1
B42 (14.5)		1102		1 HOLD			1
B42 (15.5-16)		1105		1 HOLD			1
B59 (0-0.5)		1245		1			1
B59 (2-2.5)		1247		1 HOLD			1
B59 (5.5)		1255		1 HOLD			1
B59 (8.5)		1300		1 HOLD			1
B59 (11.5)		1303		1 HOLD			1
B59 (14.5)		1308		1 HOLD			1
B59 (15.5-16)	S	1310		1 HOLD			1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 14

Relinquished by: Rick Hatton	Organization: ARCADIS	Date 6/20/00	Time 1500	Seal Intact?	
Received by: Hatton	Organization: ASARCO	Date 6/21/00	Time 1130	(Yes) No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 3 of 4

Project Number/Name CCorpus Corpus Christi, TX

Project Location Conoco, Corpus Christi, TX

Laboratory Pace, Salt Lake City, UT

Project Manager Ken Bardsley

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location		Matrix	Date/Time Sampled	Lab ID	TOTAL Sb, Ag, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Hg, Mo, Ni, Se, Ag, Tl, Sn, V, Zn (6 oz glass w/ Teflon lined lid)						Remarks	Total
BS8	0-0.5	S	6/19/00 1320		1							1
BS8	2-2.5		1323		1	HOLD						1
BS8	5.5		1330		1	HOLD						1
BS8	8.5		1334		1	HOLD						1
BS8	11.5		1339		1	HOLD						1
BS8	14.5		1342		1	HOLD						1
BS8	15.7-16		1345		1	HOLD						1
BS7	0-0.5		1405		1							1
BS7	2-2.5		1406		1	HOLD						1
BS7	5.5		1410		1	HOLD						1
BS7	8.5		1413		1	HOLD						1
BS7	11.5		1415		1	HOLD						1
BS7	14.5		1425		1	HOLD						1
BS7	15.6-16	S	✓ 1430		1	HOLD						1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 14

					Seal Intact?
Relinquished by: [illegible]	Organization: ARCADIS	Date 6/20/00	Time 1600		
Received by: [illegible]	Organization: ARCO	Date 6/21/00	Time 1130		(Yes) No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier FEDEX ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY

AG 05 0597

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 4 of 5

Project Number/Name 30000648.0001

Project Location Eureka Courthouse TX

Laboratory ISMICO Salt Lake City UT

Project Manager Ken Brantley

Sampler(s)/Affiliation Brantley, ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TCLP SVOAs (CLP List) (1 jar)	TCLP Metals (As, Ba, Cd, Cr, Pb, Se, Ag, Hg) (1 jar)	TCLP VOAs (3 x 40 mL vials, Ice, Teflon-lined lid) (1 jar)				Remarks	Total
B60 0-0.5	S	6/6/00 1440		1							1
B60 2-2.5		1443		1	HOLD						1
B60 5.5		1447		1	HOLD						1
B60 8.5		1450		1	HOLD						1
B60 10-11		1455		1	HOLD						1
[redacted]											
B70 0-0.5		1515		1							1
B70 2-2.5		1517		1	HOLD						1
B70 5.5		1555		1	HOLD						1
B70 8.5		1558		1	HOLD						1
B70 11.5-12	S	1600		1	HOLD						1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 10

Relinquished by: [signature]	Organization: ARCADIS	Date 6/20/00 (6/21)	Time 1600	Seal Intact?	
Received by: [signature]	Organization: ISMICO	Date 6/21/00	Time 1130	(Yes) No N/A	
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?	
Received by: _____	Organization: _____	Date / /	Time _____	Yes No N/A	

Special Instructions/Remarks: _____

per Ken 1

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY

AG 05 0597

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 5 of 5

Project Number/Name (CCUDe42.com

Project Location Eagle, Canyon (Basin, TX

Laboratory Arizona Salt Lake City, UT

Project Manager Dan Buettner

Sampler(s)/Affiliation Paul Parmley

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TPHL, SVOCs, PAHs, Pb, Cl, Ca, Cr, Cu, (N, Pb, Mn, Hg, Mo, Se), TI + Sb, V, Zn (8 oz glass w/ Teflon lined lids)	Remarks	Total
Field Blank	L	6/19/00 1100		1		1
Equipment 15	L	1110		1		1
Equipment 16	L	1430		1		1
Equipment 17	L	1525		1		1
Duplicate 15(0-0.5)'		—		1		1
Duplicate 16(0-0.5)'		—		1		1
Duplicate 17(0-0.5)'	V	—		1		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 7

					Seal Intact?
Relinquished by: Paul Parmley	Organization: ARCADIS	Date 6/20/00	Time 1500		
Received by: McKee	Organization: ASARCO	Date 6/21/00	Time 1630		Yes No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: See Page 1

Run All parameters

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-0597

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001028

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001028-001	19-JUN-00	B-43 (2-2.5)	AG	1.	ppm	MDK	03-AUG-00	6010
			CR	44.*	ppm	MDK	03-AUG-00	6010
			CU	66.	ppm	MDK	03-AUG-00	6010
			HG	0.09	ppm	EH	17-JUL-00	7471
			MOIST.	13.	%	MJF	15-JUL-00	GRAV.
			NI	17.	ppm	MDK	03-AUG-00	6010
			SE	1.	ppm	MDK	03-AUG-00	6010
			TL	2.	ppm	MDK	03-AUG-00	6010
			ZN	2260.	ppm	MDK	03-AUG-00	6010
L001028-002	19-JUN-00	B-43 (5.5)	AG	<0.5	ppm	MDK	03-AUG-00	6010
			CR	14.*	ppm	MDK	03-AUG-00	6010
			CU	7.	ppm	MDK	03-AUG-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MOIST.	17.	%	MJF	15-JUL-00	GRAV.
			SE	<0.8	ppm	MDK	03-AUG-00	6010
			TL	1.	ppm	MDK	03-AUG-00	6010
			ZN	78.	ppm	MDK	03-AUG-00	6010
L001028-003	19-JUN-00	B-43 (8.5)	ZN	28.	ppm	MDK	03-AUG-00	6010
L001028-004	19-JUN-00	B-43 (11.5)	ZN	21.	ppm	MDK	03-AUG-00	6010
L001028-005	19-JUN-00	B-43 (14.5)	ZN	16.	ppm	MDK	03-AUG-00	6010
L001028-006	19-JUN-00	B-43 (17-17.5)	ZN	15.	ppm	MDK	03-AUG-00	6010
L001028-007	19-JUN-00	B-41 (2-2.5)	AG	<0.5	ppm	MDK	03-AUG-00	6010
			AS	<5.	ppm	MDK	03-AUG-00	6010
			CD	2.	ppm	MDK	03-AUG-00	6010
			CO	<5.	ppm	MDK	03-AUG-00	6010
			CR	18*	ppm	MDK	03-AUG-00	6010
			CU	6.	ppm	MDK	03-AUG-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	190.	ppm	MDK	03-AUG-00	6010
			MOIST.	15.	%	MJF	15-JUL-00	GRAV.
			NI	10.	ppm	MDK	03-AUG-00	6010
			PB	12.	ppm	MDK	03-AUG-00	6010
			SB	1.*	ppm	MDK	03-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001028

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001028-014	19-JUN-00	B-42 (5.5)	MOIST.	18.	%	MJF	15-JUL-00	GRAV.
			SB	1.*	ppm	MDK	03-AUG-00	6010
			ZN	52.	ppm	MDK	03-AUG-00	6010
L001028-015	19-JUN-00	B-42 (8.5)	CR	16.*	ppm	MDK	03-AUG-00	6010
			SB	2.*	ppm	MDK	03-AUG-00	6010
			ZN	106.	ppm	MDK	03-AUG-00	6010
L001028-016	19-JUN-00	B-42 (11.5)	CR	7.*	ppm	MDK	03-AUG-00	6010
			SB	2.*	ppm	MDK	03-AUG-00	6010
			ZN	21.	ppm	MDK	03-AUG-00	6010
L001028-017	19-JUN-00	B-42 (14.5)	SB	<0.8*	ppm	MDK	03-AUG-00	6010
			ZN	10.	ppm	MDK	03-AUG-00	6010
L001028-018	19-JUN-00	B-42 (15.5-16)	ZN	14.	ppm	MDK	03-AUG-00	6010
L001028-019	19-JUN-00	B-59 (2-2.5)	CO	6.	ppm	MDK	03-AUG-00	6010
			CR	11.*	ppm	MDK	03-AUG-00	6010
			NI	10.	ppm	MDK	03-AUG-00	6010
			ZN	48.	ppm	MDK	03-AUG-00	6010
L001028-020	19-JUN-00	B-59 (5.5)	ZN	65.	ppm	MDK	03-AUG-00	6010
L001028-021	19-JUN-00	B-59 (8.5)	ZN	33.	ppm	MDK	03-AUG-00	6010
L001028-022	19-JUN-00	B-59 (11.5)	ZN	26.	ppm	MDK	03-AUG-00	6010
L001028-023	19-JUN-00	B-59 (14.5)	ZN	18.	ppm	MDK	03-AUG-00	6010
L001028-024	19-JUN-00	B-59 (15.5-16)	ZN	10.	ppm	MDK	03-AUG-00	6010
L001028-025	19-JUN-00	B-58 (2-2.5)	CR	17.*	ppm	MDK	03-AUG-00	6010
			ZN	46.	ppm	MDK	03-AUG-00	6010
L001028-026	19-JUN-00	B-58 (5.5)	CR	12.*	ppm	MDK	03-AUG-00	6010
			ZN	34.	ppm	MDK	03-AUG-00	6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001028-027	19-JUN-00	B-58 (8.5)	ZN	13.	ppm	MDK	03-AUG-00	6010
L001028-028	19-JUN-00	B-58 (11.5)	ZN	13.	ppm	MDK	03-AUG-00	6010
L001028-029	19-JUN-00	B-58 (14.5)	ZN	7.	ppm	MDK	03-AUG-00	6010
L001028-030	19-JUN-00	B-58 (15.7-16)	ZN	9.	ppm	MDK	03-AUG-00	6010
L001028-031	19-JUN-00	B-57 (2-2.5)	HG	<0.05	ppm	EH	17-JUL-00	7471
			MOIST.	17.	%	MJF	15-JUL-00	GRAV.
			ZN	36.	ppm	MDK	03-AUG-00	6010
L001028-032	19-JUN-00	B-57 (5.5)	ZN	37.	ppm	MDK	03-AUG-00	6010
L001028-033	19-JUN-00	B-57 (8.5)	ZN	27.	ppm	MDK	03-AUG-00	6010
L001028-034	19-JUN-00	B-57 (11.5)	ZN	26.	ppm	MDK	03-AUG-00	6010
L001028-035	19-JUN-00	B-57 (14.5)	ZN	9.	ppm	MDK	03-AUG-00	6010
L001028-036	19-JUN-00	B-57 (15.6-16)	ZN	7.	ppm	MDK	03-AUG-00	6010
L001028-037	19-JUN-00	B-60 (2-2.5)	CR	20.*	ppm	MDK	03-AUG-00	6010
			CU	53.	ppm	MDK	03-AUG-00	6010
			MN	238.	ppm	MDK	03-AUG-00	6010
			SB	2.	ppm	MDK	03-AUG-00	6010
			TL	1.	ppm	MDK	03-AUG-00	6010
			ZN	619.	ppm	MDK	03-AUG-00	6010
L001028-038	19-JUN-00	B-60 (5.5)	CR	9.*	ppm	MDK	03-AUG-00	6010
			CU	6.	ppm	MDK	03-AUG-00	6010
			SB	1.	ppm	MDK	03-AUG-00	6010
			ZN	34.	ppm	MDK	03-AUG-00	6010
L001028-039	19-JUN-00	B-60 (8.5)	SB	2.	ppm	MDK	03-AUG-00	6010
			ZN	36.	ppm	MDK	03-AUG-00	6010
L001028-040	19-JUN-00	B-60 (10-11)	SB	1.	ppm	MDK	03-AUG-00	6010
			ZN	40.	ppm	MDK	03-AUG-00	6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001028-041	19-JUN-00	B-70 (2-2.5)	CD	13.	ppm	MDK	03-AUG-00	6010
			CR	16.	ppm	MDK	03-AUG-00	6010
			MN	311.	ppm	MDK	03-AUG-00	6010
			TL	2.***	ppm	MDK	03-AUG-00	6010
			ZN	296.	ppm	MDK	03-AUG-00	6010
L001028-042	19-JUN-00	B-70 (5.5)	CD	16.	ppm	MDK	03-AUG-00	6010
			CR	15.	ppm	MDK	03-AUG-00	6010
			TL	2.***	ppm	MDK	03-AUG-00	6010
			ZN	342.	ppm	MDK	03-AUG-00	6010
L001028-043	19-JUN-00	B-70 (8.5)	CD	4.	ppm	MDK	03-AUG-00	6010
			CR	11.	ppm	MDK	03-AUG-00	6010
			TL	7.***	ppm	MDK	03-AUG-00	6010
			ZN	101.	ppm	MDK	03-AUG-00	6010
L001028-044	19-JUN-00	B-70 (11.5-12)	TL	3.***	ppm	MDK	03-AUG-00	6010
			ZN	20.	ppm	MDK	03-AUG-00	6010

(*) : Quality control data indicates a possible bias. See QC data for details.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

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Batch No: WG000665

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000665-1		Matrix Spike	AG	108	%Recovery	MDK	03-AUG-00		6010
			AS	97	%Recovery	MDK	03-AUG-00		6010
			BA	97	%Recovery	MDK	03-AUG-00		6010
			BI	101	%Recovery	MDK	03-AUG-00		6010
			CD	94	%Recovery	MDK	03-AUG-00		6010
			CO	97	%Recovery	MDK	03-AUG-00		6010
			CR	149*	%Recovery	MDK	03-AUG-00		6010
			CU	113	%Recovery	MDK	03-AUG-00		6010
			HG	101	%Recovery	EH	17-JUL-00		7471
			MN	98	%Recovery	MDK	03-AUG-00		6010
			NI	106	%Recovery	MDK	03-AUG-00		6010
			PB	98	%Recovery	MDK	03-AUG-00		6010
			SB	74*	%Recovery	MDK	03-AUG-00		6010
			SE	83	%Recovery	MDK	03-AUG-00		6010
			SN	101	%Recovery	MDK	03-AUG-00		6010
			TL	93	%Recovery	MDK	03-AUG-00		6010
			V	104	%Recovery	MDK	03-AUG-00		6010
			ZN	79	%Recovery	MDK	03-AUG-00		6010
WG000665-2		Prep Blank	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.0	ppm	MDK	03-AUG-00		6010
			BA	<5.0	ppm	MDK	03-AUG-00		6010
			BI	<4.0	ppm	MDK	03-AUG-00		6010
			CD	<1.0	ppm	MDK	03-AUG-00		6010
			CO	<5.0	ppm	MDK	03-AUG-00		6010
			CR	<5.0	ppm	MDK	03-AUG-00		6010
			CU	<5.0	ppm	MDK	03-AUG-00		6010
			HG	<0.05	ppm	EH	17-JUL-00		7471
			MN	<5.0	ppm	MDK	03-AUG-00		6010
			NI	<5.0	ppm	MDK	03-AUG-00		6010
			PB	<5.0	ppm	MDK	03-AUG-00		6010
			SB	<0.80	ppm	MDK	03-AUG-00		6010
			SE	<0.80	ppm	MDK	03-AUG-00		6010
			SN	<5.0	ppm	MDK	03-AUG-00		6010
			TL	<1.0	ppm	MDK	03-AUG-00		6010
			V	<5.0	ppm	MDK	03-AUG-00		6010
			ZN	<5.0	ppm	MDK	03-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000665-3		Lab Control Sample	AG	103	%Recovery	MDK	03-AUG-00		6010
			AS	105	%Recovery	MDK	03-AUG-00		6010
			BA	102	%Recovery	MDK	03-AUG-00		6010
			BI	100	%Recovery	MDK	03-AUG-00		6010
			CD	101	%Recovery	MDK	03-AUG-00		6010
			CO	98	%Recovery	MDK	03-AUG-00		6010
			CR	104	%Recovery	MDK	03-AUG-00		6010
			CU	108	%Recovery	MDK	03-AUG-00		6010
			HG	107	%Recovery	EH	17-JUL-00		7471
			MN	108	%Recovery	MDK	03-AUG-00		6010
			NI	102	%Recovery	MDK	03-AUG-00		6010
			PB	103	%Recovery	MDK	03-AUG-00		6010
			SB	163**	%Recovery	MDK	03-AUG-00		6010
			SE	86	%Recovery	MDK	03-AUG-00		6010
			SN	112	%Recovery	MDK	03-AUG-00		6010
			TL	104	%Recovery	MDK	03-AUG-00		6010
			V	106	%Recovery	MDK	03-AUG-00		6010
			ZN	99	%Recovery	MDK	03-AUG-00		6010
WG000665-4		Matrix Spike Duplicate	AG	<1	% RPD	MDK	03-AUG-00		6010
			AS	3.4	% RPD	MDK	03-AUG-00		6010
			BA	1.9	% RPD	MDK	03-AUG-00		6010
			BI	3.5	% RPD	MDK	03-AUG-00		6010
			CD	<1	% RPD	MDK	03-AUG-00		6010
			CO	1.	% RPD	MDK	03-AUG-00		6010
			CR	1.2	% RPD	MDK	03-AUG-00		6010
			CU	<1	% RPD	MDK	03-AUG-00		6010
			HG	3.7	% RPD	EH	17-JUL-00		7471
			MN	<1	% RPD	MDK	03-AUG-00		6010
			NI	<1	% RPD	MDK	03-AUG-00		6010
			PB	3.1	% RPD	MDK	03-AUG-00		6010
			SB	10.	% RPD	MDK	03-AUG-00		6010
			SE	3.7	% RPD	MDK	03-AUG-00		6010
			SN	3.4	% RPD	MDK	03-AUG-00		6010
			TL	1.9	% RPD	MDK	03-AUG-00		6010
			V	2.5	% RPD	MDK	03-AUG-00		6010
			ZN	<1	% RPD	MDK	03-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000665-5		Reporting Limit	AG	0.5	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	5.0	ppm				6010
			CD	1.0	ppm				6010
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000665-6		Matrix Spike	AG	98	%Recovery	MDK	03-AUG-00		6010
			AS	93	%Recovery	MDK	03-AUG-00		6010
			BA	95	%Recovery	MDK	03-AUG-00		6010
			BI	97	%Recovery	MDK	03-AUG-00		6010
			CD	94	%Recovery	MDK	03-AUG-00		6010
			CO	95	%Recovery	MDK	03-AUG-00		6010
			CR	224*	%Recovery	MDK	03-AUG-00		6010
			CU	107	%Recovery	MDK	03-AUG-00		6010
			MN	102	%Recovery	MDK	03-AUG-00		6010
			NI	118	%Recovery	MDK	03-AUG-00		6010
			PB	96	%Recovery	MDK	03-AUG-00		6010
			SB	82	%Recovery	MDK	03-AUG-00		6010
			SE	80	%Recovery	MDK	03-AUG-00		6010
			SN	98	%Recovery	MDK	03-AUG-00		6010
			TL	91	%Recovery	MDK	03-AUG-00		6010
			V	99	%Recovery	MDK	03-AUG-00		6010
			ZN	93	%Recovery	MDK	03-AUG-00		6010
WG000665-7		Prep Blank	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.0	ppm	MDK	03-AUG-00		6010

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WG000665-7		Prep Blank	BA	<5.0	ppm	MDK	03-AUG-00		6010
			BI	<5.0	ppm	MDK	03-AUG-00		6010
			CD	<1.0	ppm	MDK	03-AUG-00		6010
			CO	<5.0	ppm	MDK	03-AUG-00		6010
			CR	<5.0	ppm	MDK	03-AUG-00		6010
			CU	<5.0	ppm	MDK	03-AUG-00		6010
			MN	<5.0	ppm	MDK	03-AUG-00		6010
			NI	<5.0	ppm	MDK	03-AUG-00		6010
			PB	<5.0	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.0	ppm	MDK	03-AUG-00		6010
			TL	<1.0	ppm	MDK	03-AUG-00		6010
			V	<5.0	ppm	MDK	03-AUG-00		6010
			ZN	<5.0	ppm	MDK	03-AUG-00		6010
WG000665-8		Lab Control Sample	AG	107	%Recovery	MDK	03-AUG-00		6010
			AS	104	%Recovery	MDK	03-AUG-00		6010
			BA	103	%Recovery	MDK	03-AUG-00		6010
			BI	96	%Recovery	MDK	03-AUG-00		6010
			CD	103	%Recovery	MDK	03-AUG-00		6010
			CO	103	%Recovery	MDK	03-AUG-00		6010
			CR	109	%Recovery	MDK	03-AUG-00		6010
			CU	110	%Recovery	MDK	03-AUG-00		6010
			MN	117	%Recovery	MDK	03-AUG-00		6010
			NI	105	%Recovery	MDK	03-AUG-00		6010
			PB	100	%Recovery	MDK	03-AUG-00		6010
			SB	173**	%Recovery	MDK	03-AUG-00		6010
			SE	88	%Recovery	MDK	03-AUG-00		6010
			SN	115	%Recovery	MDK	03-AUG-00		6010
			TL	106	%Recovery	MDK	03-AUG-00		6010
			V	112	%Recovery	MDK	03-AUG-00		6010
			ZN	106	%Recovery	MDK	03-AUG-00		6010
WG000665-9		Matrix Spike Duplicate	AG	4.	% RPD	MDK	03-AUG-00		6010
			AS	2.4	% RPD	MDK	03-AUG-00		6010
			BA	3.7	% RPD	MDK	03-AUG-00		6010
			BI	2.	% RPD	MDK	03-AUG-00		6010
			CD	3.1	% RPD	MDK	03-AUG-00		6010

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WG000665-9		Matrix Spike Duplicate	CO	2.6	% RPD	MDK	03-AUG-00		6010
			CR	5.9	% RPD	MDK	03-AUG-00		6010
			CU	2.1	% RPD	MDK	03-AUG-00		6010
			MN	4.9	% RPD	MDK	03-AUG-00		6010
			NI	4.3	% RPD	MDK	03-AUG-00		6010
			PB	3.3	% RPD	MDK	03-AUG-00		6010
			SB	<1	% RPD	MDK	03-AUG-00		6010
			SE	2.9	% RPD	MDK	03-AUG-00		6010
			SN	2.3	% RPD	MDK	03-AUG-00		6010
			TL	5.	% RPD	MDK	03-AUG-00		6010
			V	2.7	% RPD	MDK	03-AUG-00		6010
			ZN	3.6	% RPD	MDK	03-AUG-00		6010
WG000665-11		Matrix Spike	AG	112	%Recovery	MDK	03-AUG-00		6010
			AS	97	%Recovery	MDK	03-AUG-00		6010
			BA	95	%Recovery	MDK	03-AUG-00		6010
			BI	101	%Recovery	MDK	03-AUG-00		6010
			CD	101	%Recovery	MDK	03-AUG-00		6010
			CO	98	%Recovery	MDK	03-AUG-00		6010
			CR	110	%Recovery	MDK	03-AUG-00		6010
			CU	113	%Recovery	MDK	03-AUG-00		6010
			MN	109	%Recovery	MDK	03-AUG-00		6010
			NI	99	%Recovery	MDK	03-AUG-00		6010
			PB	100	%Recovery	MDK	03-AUG-00		6010
			SB	59*	%Recovery	MDK	03-AUG-00		6010
			SE	84	%Recovery	MDK	03-AUG-00		6010
			SN	99	%Recovery	MDK	03-AUG-00		6010
			TL	92	%Recovery	MDK	03-AUG-00		6010
			V	107	%Recovery	MDK	03-AUG-00		6010
			ZN	94	%Recovery	MDK	03-AUG-00		6010
WG000665-12		Prep Blank	AG	<0.5	ppm	MDK	03-AUG-00		6010
			AS	<5.0	ppm	MDK	03-AUG-00		6010
			BA	<5.0	ppm	MDK	03-AUG-00		6010
			BI	<5.0	ppm	MDK	03-AUG-00		6010
			CD	<1.0	ppm	MDK	03-AUG-00		6010
			CO	<5.0	ppm	MDK	03-AUG-00		6010
			CR	<5.0	ppm	MDK	03-AUG-00		6010
			CU	<5.0	ppm	MDK	03-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000665-12		Prep Blank	MN	<5.0	ppm	MDK	03-AUG-00		6010
			NI	<5.0	ppm	MDK	03-AUG-00		6010
			PB	<5.0	ppm	MDK	03-AUG-00		6010
			SB	<0.8	ppm	MDK	03-AUG-00		6010
			SE	<0.8	ppm	MDK	03-AUG-00		6010
			SN	<5.0	ppm	MDK	03-AUG-00		6010
			TL	1.2	ppm	MDK	03-AUG-00		6010
			V	<5.0	ppm	MDK	03-AUG-00		6010
			ZN	<5.0	ppm	MDK	03-AUG-00		6010
WG000665-13		Lab Control Sample	AG	107	%Recovery	MDK	03-AUG-00		6010
			AS	103	%Recovery	MDK	03-AUG-00		6010
			BA	105	%Recovery	MDK	03-AUG-00		6010
			BI	98	%Recovery	MDK	03-AUG-00		6010
			CD	104	%Recovery	MDK	03-AUG-00		6010
			CO	101	%Recovery	MDK	03-AUG-00		6010
			CR	107	%Recovery	MDK	03-AUG-00		6010
			CU	109	%Recovery	MDK	03-AUG-00		6010
			MN	109	%Recovery	MDK	03-AUG-00		6010
			NI	102	%Recovery	MDK	03-AUG-00		6010
			PB	101	%Recovery	MDK	03-AUG-00		6010
			SB	164**	%Recovery	MDK	03-AUG-00		6010
			SE	89	%Recovery	MDK	03-AUG-00		6010
			SN	113	%Recovery	MDK	03-AUG-00		6010
			TL	107	%Recovery	MDK	03-AUG-00		6010
			V	111	%Recovery	MDK	03-AUG-00		6010
			ZN	103	%Recovery	MDK	03-AUG-00		6010
WG000665-14		Matrix Spike Duplicate	AG	<1	% RPD	MDK	03-AUG-00		6010
			AS	21***	% RPD	MDK	03-AUG-00		6010
			BA	16	% RPD	MDK	03-AUG-00		6010
			BI	1.5	% RPD	MDK	03-AUG-00		6010
			CD	7.8	% RPD	MDK	03-AUG-00		6010
			CO	22***	% RPD	MDK	03-AUG-00		6010
			CR	17	% RPD	MDK	03-AUG-00		6010
			CU	22***	% RPD	MDK	03-AUG-00		6010
			MN	6.3	% RPD	MDK	03-AUG-00		6010
			NI	21***	% RPD	MDK	03-AUG-00		6010
			PB	18	% RPD	MDK	03-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000665

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000665-14		Matrix Spike Duplicate	SB	24***	% RPD	MDK	03-AUG-00		6010
			SE	21***	% RPD	MDK	03-AUG-00		6010
			SN	<1	% RPD	MDK	03-AUG-00		6010
			TL	23***	% RPD	MDK	03-AUG-00		6010
			V	19	% RPD	MDK	03-AUG-00		6010
			ZN	7.1	% RPD	MDK	03-AUG-00		6010

* Spikes outside acceptance limits due to matrix interference.
** LCS for Sb is within ERA (244) 95% confidence interval.
*** Duplicate Spike recoveries for the last four samples were out of range due to non-homogeneity of spiked sample.

Approved

Reviewer

September 18, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (34), thirty four soil samples collected between June 21, and June 22 , 2000 in association with the Encycle Project # CC00064.0001 and received by the laboratory on June 23, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000972

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-001	21-JUN-00	B79 (0-0.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	101.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	12.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	13.	ppm	MDK	10-AUG-00		6010
			CR	28.	ppm	MDK	10-AUG-00		6010
			CU	11.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	665.*	ppm	MDK	10-AUG-00		6010
			MOIST.	17.	%	MJF	28-JUN-00		GRAV.
			NI	15.	ppm	MDK	10-AUG-00		6010
			PB	14.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	14.	ppm	MDK	10-AUG-00		6010
			ZN	2867.	ppm	MDK	10-AUG-00		6010
L000972-002	21-JUN-00	B79 (2-2.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	142.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	5.	ppm	MDK	10-AUG-00		6010
			CR	14.	ppm	MDK	10-AUG-00		6010
			CU	10.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	367.*	ppm	MDK	10-AUG-00		6010
			MOIST.	19.	%	MJF	28-JUN-00		GRAV.
			NI	10.	ppm	MDK	10-AUG-00		6010
			PB	9.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010

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Encycle/Texas

Technical Services (Project 8201)

Batch No: L000972

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-002	21-JUN-00	B79 (2-2.5)	V	25.	ppm	MDK	10-AUG-00		6010
			ZN	74.	ppm	MDK	10-AUG-00		6010
L000972-003	21-JUN-00	B79 (5.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	8.	ppm	MDK	10-AUG-00		6010
			BA	303.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	21.	ppm	MDK	10-AUG-00		6010
			CU	11.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	373.*	ppm	MDK	10-AUG-00		6010
			MOIST.	23.	%	MJF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	10-AUG-00		6010
			PB	11.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	61.	ppm	MDK	10-AUG-00		6010
			ZN	69.	ppm	MDK	10-AUG-00		6010
L000972-004	21-JUN-00	B79 (8.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	6.	ppm	MDK	10-AUG-00		6010
			BA	193.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	9.	ppm	MDK	10-AUG-00		6010
			CU	7.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	372.*	ppm	MDK	10-AUG-00		6010
			MOIST.	18.	%	MJF	28-JUN-00		GRAV.
			NI	9.	ppm	MDK	10-AUG-00		6010
			PB	9.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000972

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-004	21-JUN-00	B79 (8.5)	SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	27.	ppm	MDK	10-AUG-00		6010
			ZN	36.	ppm	MDK	10-AUG-00		6010
L000972-005	21-JUN-00	B79 (11.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	7.	ppm	MDK	10-AUG-00		6010
			BA	312.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	12.	ppm	MDK	10-AUG-00		6010
			CU	7.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	337.*	ppm	MDK	10-AUG-00		6010
			MOIST.	19.	%	MJF	28-JUN-00		GRAV.
			NI	8.	ppm	MDK	10-AUG-00		6010
			PB	9.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	30.	ppm	MDK	10-AUG-00		6010
			ZN	41.	ppm	MDK	10-AUG-00		6010
L000972-006	21-JUN-00	B79 (14.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	7.	ppm	MDK	10-AUG-00		6010
			BA	337.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	15.	ppm	MDK	10-AUG-00		6010
			CU	10.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	325.*	ppm	MDK	10-AUG-00		6010
			MOIST.	21.	%	MJF	28-JUN-00		GRAV.

ASARCO TECHNICAL SERVICES CENTER

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Encycle/Texas

Technical Services (Project 8201)

Batch No: L000972

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-006	21-JUN-00	B79 (14.5)	NI	16.	ppm	MDK	10-AUG-00		6010
			PB	11.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	1.	ppm	MDK	10-AUG-00		6010
			V	34.	ppm	MDK	10-AUG-00		6010
			ZN	56.	ppm	MDK	10-AUG-00		6010
L000972-007	21-JUN-00	B79 (17.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	6.	ppm	MDK	10-AUG-00		6010
			BA	357.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	8.	ppm	MDK	10-AUG-00		6010
			CR	12.	ppm	MDK	10-AUG-00		6010
			CU	10.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	690.*	ppm	MDK	10-AUG-00		6010
			MOIST.	25.	%	MJF	28-JUN-00		GRAV.
			NI	13.	ppm	MDK	10-AUG-00		6010
			PB	13.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	31.	ppm	MDK	10-AUG-00		6010
			ZN	51.	ppm	MDK	10-AUG-00		6010
L000972-008	21-JUN-00	B79 (18-18.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	375.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	16.	ppm	MDK	10-AUG-00		6010
			CU	9.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000972

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-008	21-JUN-00	B79 (18-18.5)	HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	389.*	ppm	MDK	10-AUG-00		6010
			MOIST.	30.	%	MJF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	10-AUG-00		6010
			PB	10.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	33.	ppm	MDK	10-AUG-00		6010
			ZN	73.	ppm	MDK	10-AUG-00		6010
L000972-009	21-JUN-00	DUPLICATE 21	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	8.	ppm	MDK	10-AUG-00		6010
			BA	389.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	12.	ppm	MDK	10-AUG-00		6010
			CU	8.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	629.*	ppm	MDK	10-AUG-00		6010
			MOIST.	22.	%	MJF	28-JUN-00		GRAV.
			NI	9.	ppm	MDK	10-AUG-00		6010
			PB	9.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	39.	ppm	MDK	10-AUG-00		6010
			ZN	43.	ppm	MDK	10-AUG-00		6010
L000972-010	21-JUN-00	DUPLICATE 22	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	8.	ppm	MDK	10-AUG-00		6010
			BA	179.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000972

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-010	21-JUN-00	DUPLICATE 22	CO	6.	ppm	MDK	10-AUG-00		6010
			CR	11.	ppm	MDK	10-AUG-00		6010
			CU	9.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	267.*	ppm	MDK	10-AUG-00		6010
			MOIST.	20.	%	MJF	28-JUN-00		GRAV.
			NI	10.	ppm	MDK	10-AUG-00		6010
			PB	10.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	1.	ppm	MDK	10-AUG-00		6010
			V	30.	ppm	MDK	10-AUG-00		6010
			ZN	86.	ppm	MDK	10-AUG-00		6010
L000972-011	21-JUN-00	B82 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	7.	ppm	MDK	10-AUG-00		6010
			BA	86.	ppm	MDK	10-AUG-00		6010
			BI	5.	ppm	MDK	10-AUG-00		6010
			CD	133.	ppm	MDK	10-AUG-00		6010
			CN-	0.05	ppm	DC	30-JUN-00		335.2
			CO	15.	ppm	MDK	10-AUG-00		6010
			CR	59.	ppm	MDK	10-AUG-00		6010
			CU	1130.	ppm	MDK	10-AUG-00		6010
			HG	0.07	ppm	EH	05-JUL-00		7471
			MN	956.*	ppm	MDK	10-AUG-00		6010
			MOIST.	18.	%	MJF	28-JUN-00		GRAV.
			NI	250.	ppm	MDK	10-AUG-00		6010
			PB	57.	ppm	MDK	10-AUG-00		6010
			SB	4.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	7.	ppm	MDK	10-AUG-00		6010
			TL	7.	ppm	MDK	10-AUG-00		6010
			V	15.	ppm	MDK	10-AUG-00		6010
			ZN	16920.	ppm	MDK	16-SEP-00		6010
L000972-012	21-JUN-00	B82 (2-2.25)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	103.	ppm	MDK	10-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-012	21-JUN-00	B82 (2-2.25)	BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	159.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	27.	ppm	MDK	10-AUG-00		6010
			CU	14.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	445.*	ppm	MDK	10-AUG-00		6010
			MOIST.	21.	%	MJF	28-JUN-00		GRAV.
			NI	37.	ppm	MDK	10-AUG-00		6010
			PB	<5.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	4.	ppm	MDK	10-AUG-00		6010
			V	9.	ppm	MDK	10-AUG-00		6010
			ZN	4204.	ppm	MDK	10-AUG-00		6010
L000972-013	21-JUN-00	B82 (5.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	50.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	410.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	17.	ppm	MDK	10-AUG-00		6010
			CU	5.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	3615.*	ppm	MDK	10-AUG-00		6010
			MOIST.	15.	%	MJF	28-JUN-00		GRAV.
			NI	17.	ppm	MDK	10-AUG-00		6010
			PB	<5.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	11.	ppm	MDK	10-AUG-00		6010
			ZN	26850.	ppm	MDK	16-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-014	21-JUN-00	B82 (8.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	63.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	261.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	9.	ppm	MDK	10-AUG-00		6010
			CR	34.	ppm	MDK	10-AUG-00		6010
			CU	6.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	1651.*	ppm	MDK	10-AUG-00		6010
			MOIST.	13.	%	MJF	28-JUN-00		GRAV.
			NI	25.	ppm	MDK	10-AUG-00		6010
			PB	7.	ppm	MDK	10-AUG-00		6010
			SB	1.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	12.	ppm	MDK	10-AUG-00		6010
			ZN	12400.	ppm	MDK	16-SEP-00		6010
L000972-015	21-JUN-00	B82 (11.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	7.	ppm	MDK	10-AUG-00		6010
			BA	387.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	4.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	9.	ppm	MDK	10-AUG-00		6010
			CR	15.	ppm	MDK	10-AUG-00		6010
			CU	12.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	515.*	ppm	MDK	10-AUG-00		6010
			MOIST.	21.	%	MJF	28-JUN-00		GRAV.
			NI	13.	ppm	MDK	10-AUG-00		6010
			PB	12.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-015	21-JUN-00	B82 (11.5)	V	37.	ppm	MDK	10-AUG-00		6010
			ZN	210.	ppm	MDK	10-AUG-00		6010
L000972-016	21-JUN-00	B82 (14.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	6.	ppm	MDK	10-AUG-00		6010
			BA	339.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	3.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	9.	ppm	MDK	10-AUG-00		6010
			CR	14.	ppm	MDK	10-AUG-00		6010
			CU	12.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	794.*	ppm	MDK	10-AUG-00		6010
			MOIST.	24.	%	MJF	28-JUN-00		GRAV.
			NI	14.	ppm	MDK	10-AUG-00		6010
			PB	13.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	1.	ppm	MDK	10-AUG-00		6010
			V	33.	ppm	MDK	10-AUG-00		6010
			ZN	170.	ppm	MDK	10-AUG-00		6010
L000972-017	21-JUN-00	B82 (17.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	10.	ppm	MDK	10-AUG-00		6010
			BA	224.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	2.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	9.	ppm	MDK	10-AUG-00		6010
			CR	21.	ppm	MDK	10-AUG-00		6010
			CU	12.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	399.*	ppm	MDK	10-AUG-00		6010
			MOIST.	19.	%	MJF	28-JUN-00		GRAV.
			NI	15.	ppm	MDK	10-AUG-00		6010
			PB	12.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010

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L000972-017	21-JUN-00	B82 (17.5)	SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	1.	ppm	MDK	10-AUG-00		6010
			V	44.	ppm	MDK	10-AUG-00		6010
			ZN	144.	ppm	MDK	10-AUG-00		6010
L000972-018	21-JUN-00	B82 (19-20)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	224.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	167.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	15.	ppm	MDK	10-AUG-00		6010
			CU	10.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	918.*	ppm	MDK	10-AUG-00		6010
			MOIST.	24.	%	MJF	28-JUN-00		GRAV.
			NI	19.	ppm	MDK	10-AUG-00		6010
			PB	13.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	26.	ppm	MDK	10-AUG-00		6010
			ZN	3902.	ppm	MDK	10-AUG-00		6010
L000972-019	22-JUN-00	B53 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	9.	ppm	MDK	10-AUG-00		6010
			BA	209.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	1214.	ppm	MDK	10-AUG-00		6010
			CN-	0.13	ppm	DC	30-JUN-00		335.2
			CO	32.	ppm	MDK	10-AUG-00		6010
			CR	15.	ppm	MDK	10-AUG-00		6010
			CU	52.	ppm	MDK	10-AUG-00		6010
			HG	0.22	ppm	EH	06-JUL-00		7471
			MN	721.*	ppm	MDK	10-AUG-00		6010
			MOIST.	23.	%	MJF	28-JUN-00		GRAV.

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L000972-019	22-JUN-00	B53 (0-0.5)	NI	13.	ppm	MDK	10-AUG-00		6010
			PB	195.	ppm	MDK	10-AUG-00		6010
			SB	7.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	20.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	17.	ppm	MDK	10-AUG-00		6010
			ZN	15810.	ppm	MDK	16-SEP-00		6010
L000972-020	22-JUN-00	B54 (0-0.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	323.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	9.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	10.	ppm	MDK	10-AUG-00		6010
			CU	7.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	400.*	ppm	MDK	10-AUG-00		6010
			MOIST.	25.	%	MJF	28-JUN-00		GRAV.
			NI	9.	ppm	MDK	10-AUG-00		6010
			PB	11.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	1.	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	1.	ppm	MDK	10-AUG-00		6010
			V	27.	ppm	MDK	10-AUG-00		6010
			ZN	134.	ppm	MDK	10-AUG-00		6010
L000972-021	22-JUN-00	B85 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	13.	ppm	MDK	10-AUG-00		6010
			BA	232.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	62.	ppm	MDK	10-AUG-00		6010
			CN-	0.22	ppm	DC	30-JUN-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	15.	ppm	MDK	10-AUG-00		6010
			CU	74.	ppm	MDK	10-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-021	22-JUN-00	B85 (0-0.5)	HG	0.13	ppm	EH	05-JUL-00		7471
			MN	584.*	ppm	MDK	10-AUG-00		6010
			MOIST.	18.	%	MJF	28-JUN-00		GRAV.
			NI	15.	ppm	MDK	10-AUG-00		6010
			PB	178.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	6.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	19.	ppm	MDK	10-AUG-00		6010
			ZN	3925.	ppm	MDK	10-AUG-00		6010
L000972-022	22-JUN-00	B87 (0-0.5)	AG	2.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	84.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	345.	ppm	MDK	10-AUG-00		6010
			CN-	0.17	ppm	DC	30-JUN-00		335.2
			CO	13.	ppm	MDK	10-AUG-00		6010
			CR	19.	ppm	MDK	10-AUG-00		6010
			CU	17.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	1210.*	ppm	MDK	10-AUG-00		6010
			MOIST.	15.	%	MJF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	10-AUG-00		6010
			PB	22.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	12.	ppm	MDK	10-AUG-00		6010
			ZN	30480.	ppm	MDK	16-SEP-00		6010
L000972-023	22-JUN-00	B46(0-0.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	165.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	9.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-023	22-JUN-00	B46(0-0.5)	CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	12.	ppm	MDK	10-AUG-00		6010
			CU	10.	ppm	MDK	10-AUG-00		6010
			HG	0.13	ppm	EH	05-JUL-00		7471
			MN	258.*	ppm	MDK	10-AUG-00		6010
			MOIST.	19.	%	MJF	28-JUN-00		GRAV.
			NI	9.	ppm	MDK	10-AUG-00		6010
			PB	12.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	17.	ppm	MDK	10-AUG-00		6010
			ZN	551.	ppm	MDK	10-AUG-00		6010
L000972-024	22-JUN-00	B47 (0-0.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	6.	ppm	MDK	10-AUG-00		6010
			BA	168.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	12.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	8.	ppm	MDK	10-AUG-00		6010
			CR	19.	ppm	MDK	10-AUG-00		6010
			CU	26.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	321.*	ppm	MDK	10-AUG-00		6010
			MOIST.	20.	%	MJF	28-JUN-00		GRAV.
			NI	12.	ppm	MDK	10-AUG-00		6010
			PB	53.	ppm	MDK	10-AUG-00		6010
			SB	4.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	7.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	16.	ppm	MDK	10-AUG-00		6010
			ZN	1650.	ppm	MDK	10-AUG-00		6010
L000972-025	22-JUN-00	B113 (0-0.5)	AG	11.	ppm	MDK	10-AUG-00		6010
			AS	415.	ppm	MDK	10-AUG-00		6010
			BA	712.	ppm	MDK	10-AUG-00		6010

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L000972-025	22-JUN-00	B113 (0-0.5)	BI	7.	ppm	MDK	10-AUG-00		6010
			CD	1548.	ppm	MDK	10-AUG-00		6010
			CN-	0.75	ppm	DC	30-JUN-00		335.2
			CO	44.	ppm	MDK	10-AUG-00		6010
			CR	45.	ppm	MDK	10-AUG-00		6010
			CU	1670.	ppm	MDK	10-AUG-00		6010
			HG	0.50	ppm	EH	06-JUL-00		7471
			MN	3080.*	ppm	MDK	10-AUG-00		6010
			MOIST.	13.	%	MJF	28-JUN-00		GRAV.
			NI	107.	ppm	MDK	10-AUG-00		6010
			PB	2150.	ppm	MDK	10-AUG-00		6010
			SB	19.*	ppm	MDK	10-AUG-00		6010
			SE	2.	ppm	MDK	10-AUG-00		6010
			SN	24.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	20.	ppm	MDK	10-AUG-00		6010
			ZN	32860.	ppm	MDK	16-SEP-00		6010
L000972-026	22-JUN-00	B113 (2-2.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	6.	ppm	MDK	10-AUG-00		6010
			BA	125.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	411.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	14.	ppm	MDK	10-AUG-00		6010
			CU	26.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	414.*	ppm	MDK	10-AUG-00		6010
			MOIST.	23.	%	MJF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	20.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	13.	ppm	MDK	10-AUG-00		6010
			ZN	2825.	ppm	MDK	10-AUG-00		6010

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L000972-027	22-JUN-00	B113 (5.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	329.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	3.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	14.	ppm	MDK	10-AUG-00		6010
			CU	10.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	378.*	ppm	MDK	10-AUG-00		6010
			MOIST.	22.	%	MJF	28-JUN-00		GRAV.
			NI	10.	ppm	MDK	10-AUG-00		6010
			PB	10.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	33.	ppm	MDK	10-AUG-00		6010
			ZN	76.	ppm	MDK	10-AUG-00		6010
L000972-028	22-JUN-00	B113 (8.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	267.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	13.	ppm	MDK	10-AUG-00		6010
			CU	7.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	372.*	ppm	MDK	10-AUG-00		6010
			MOIST.	20.	%	MJF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	11.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10 AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	6.	ppm	MDK	10-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000972-028	22-JUN-00	B113 (8.5)	V	32.	ppm	MDK	10-AUG-00		6010
			ZN	62.	ppm	MDK	10-AUG-00		6010
L000972-029	22-JUN-00	B113 (11.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	7.	ppm	MDK	10-AUG-00		6010
			BA	438.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	8.	ppm	MDK	10-AUG-00		6010
			CR	11.	ppm	MDK	10-AUG-00		6010
			CU	9.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	469.*	ppm	MDK	10-AUG-00		6010
			MOIST.	21.	%	MJF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	12.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	4.	ppm	MDK	10-AUG-00		6010
			V	29.	ppm	MDK	10-AUG-00		6010
			ZN	53.	ppm	MDK	10-AUG-00		6010
L000972-030	22-JUN-00	B113 (14.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	8.	ppm	MDK	10-AUG-00		6010
			BA	189.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	8.	ppm	MDK	10-AUG-00		6010
			CU	5.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	1679.*	ppm	MDK	10-AUG-00		6010
			MOIST.	13.	%	MJF	28-JUN-00		GRAV.
			NI	5.	ppm	MDK	10-AUG-00		6010
			PB	10.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010

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L000972-030	22-JUN-00	B113 (14.5)	SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	16.	ppm	MDK	10-AUG-00		6010
			ZN	37.	ppm	MDK	10-AUG-00		6010
L000972-031	22-JUN-00	B113 (17.3-18)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	145.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	480.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	12.	ppm	MDK	10-AUG-00		6010
			CU	6.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	962.*	ppm	MDK	10-AUG-00		6010
			MOIST.	13.	%	MJF	28-JUN-00		GRAV.
			NI	7.	ppm	MDK	10-AUG-00		6010
			PB	5.	ppm	MDK	10-AUG-00		6010
			SB	2.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	11.	ppm	MDK	10-AUG-00		6010
			ZN	1500.	ppm	MDK	10-AUG-00		6010
L000972-032	22-JUN-00	DUPLICATE 23 (0-0.5)	AG	4.	ppm	MDK	10-AUG-00		6010
			AS	36.	ppm	MDK	10-AUG-00		6010
			BA	430.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	185.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	13.	ppm	MDK	10-AUG-00		6010
			CR	35.	ppm	MDK	10-AUG-00		6010
			CU	237.	ppm	MDK	10-AUG-00		6010
			HG	0.14	ppm	EH	05-JUL-00		7471
			MN	1170.*	ppm	MDK	10-AUG-00		6010
			MOIST.	15.	%	MJF	28-JUN-00		GRAV.

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L000972-032	22-JUN-00	DUPLICATE 23 (0-0.5)	NI	40.	ppm	MDK	10-AUG-00		6010
			PB	375.	ppm	MDK	10-AUG-00		6010
			SB	7.*	ppm	MDK	10-AUG-00		6010
			SE	1.	ppm	MDK	10-AUG-00		6010
			SN	11.	ppm	MDK	10-AUG-00		6010
			TL	1.	ppm	MDK	10-AUG-00		6010
			V	22.	ppm	MDK	10-AUG-00		6010
			ZN	10940.	ppm	MDK	10-AUG-00		6010
L000972-033	22-JUN-00	DUPLICATE 24 (5.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	362.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	2.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	18.	ppm	MDK	10-AUG-00		6010
			CU	12.	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	387.*	ppm	MDK	10-AUG-00		6010
			MOIST.	23.	%	MJF	28-JUN-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	12.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	2.	ppm	MDK	10-AUG-00		6010
			V	37.	ppm	MDK	10-AUG-00		6010
			ZN	120.	ppm	MDK	10-AUG-00		6010
L000972-034	22-JUN-00	DUPLICATE 25	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	164.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	23.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	9.	ppm	MDK	10-AUG-00		6010
			CU	11.	ppm	MDK	10-AUG-00		6010

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L000972-034	22-JUN-00	DUPLICATE 25	HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	272.*	ppm	MDK	10-AUG-00		6010
			MOIST.	20.	%	MJF	28-JUN-00		GRAV.
			NI	8.	ppm	MDK	10-AUG-00		6010
			PB	14.	ppm	MDK	10-AUG-00		6010
			SB	3.*	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	2.	ppm	MDK	10-AUG-00		6010
			V	14.	ppm	MDK	10-AUG-00		6010
			ZN	915.	ppm	MDK	10-AUG-00		6010

(*) Quality control data indicates a possible bias. See QC report for details.

AKH for VPK
Approved

Reviewer

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Batch No: WG000533

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000533-1		Matrix Spike	AG	105	%Recovery	MDK	10-AUG-00		6010
			AS	94	%Recovery	MDK	10-AUG-00		6010
			BA	101	%Recovery	MDK	10-AUG-00		6010
			BI	93	%Recovery	MDK	10-AUG-00		6010
			CD	92	%Recovery	MDK	10-AUG-00		6010
			CN-	92	%Recovery	DC	30-JUN-00		335.2
			CO	95	%Recovery	MDK	10-AUG-00		6010
			CR	110	%Recovery	MDK	10-AUG-00		6010
			CU	117	%Recovery	MDK	10-AUG-00		6010
			HG	98	%Recovery	EH	05-JUL-00		7471
			MN	128*	%Recovery	MDK	10-AUG-00		6010
			NI	94	%Recovery	MDK	10-AUG-00		6010
			PB	92	%Recovery	MDK	10-AUG-00		6010
			SB	45*	%Recovery	MDK	10-AUG-00		6010
			SE	77	%Recovery	MDK	10-AUG-00		6010
			SN	93	%Recovery	MDK	10-AUG-00		6010
			TL	83	%Recovery	MDK	10-AUG-00		6010
			V	106	%Recovery	MDK	10-AUG-00		6010
			ZN	106	%Recovery	MDK	10-AUG-00		6010
WG000533-2		Prep Blank	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.0	ppm	MDK	10-AUG-00		6010
			BA	<5.0	ppm	MDK	10-AUG-00		6010
			BI	<4.0	ppm	MDK	10-AUG-00		6010
			CD	<1.0	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	<5.0	ppm	MDK	10-AUG-00		6010
			CR	<5.0	ppm	MDK	10-AUG-00		6010
			CU	<5.0	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	<5.0	ppm	MDK	10-AUG-00		6010
			NI	<5.0	ppm	MDK	10-AUG-00		6010
			PB	<5.0	ppm	MDK	10-AUG-00		6010
			SB	<0.8	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.0	ppm	MDK	10-AUG-00		6010
			TL	1.1	ppm	MDK	10-AUG-00		6010
			V	<5.0	ppm	MDK	10-AUG-00		6010
			ZN	<5.0	ppm	MDK	10-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000533-3		Lab Control Sample	AG	100	%Recovery	MDK	10-AUG-00		6010
			AS	92	%Recovery	MDK	10-AUG-00		6010
			BA	101	%Recovery	MDK	10-AUG-00		6010
			BI	90	%Recovery	MDK	10-AUG-00		6010
			CD	98	%Recovery	MDK	10-AUG-00		6010
			CN-	99	%Recovery	DC	30-JUN-00		335.2
			CO	96	%Recovery	MDK	10-AUG-00		6010
			CR	101	%Recovery	MDK	10-AUG-00		6010
			CU	103	%Recovery	MDK	10-AUG-00		6010
			HG	113	%Recovery	EH	05-JUL-00		7471
			MN	103	%Recovery	MDK	10-AUG-00		6010
			NI	93	%Recovery	MDK	10-AUG-00		6010
			PB	97	%Recovery	MDK	10-AUG-00		6010
			SB	155**	%Recovery	MDK	10-AUG-00		6010
			SE	81	%Recovery	MDK	10-AUG-00		6010
			SN	102	%Recovery	MDK	10-AUG-00		6010
			TL	97	%Recovery	MDK	10-AUG-00		6010
			V	107	%Recovery	MDK	10-AUG-00		6010
			ZN	96	%Recovery	MDK	10-AUG-00		6010
WG000533-4		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000533-5		Matrix Spike Duplicate	AG	<1	% RPD	MDK	10-AUG-00		6010
			AS	4.6	% RPD	MDK	10-AUG-00		6010
			BA	1.2	% RPD	MDK	10-AUG-00		6010
			BI	2.7	% RPD	MDK	10-AUG-00		6010
			CD	4.7	% RPD	MDK	10-AUG-00		6010
			CO	3.9	% RPD	MDK	10-AUG-00		6010
			CR	13	% RPD	MDK	10-AUG-00		6010
			CU	3.2	% RPD	MDK	10-AUG-00		6010
			MN	4.5	% RPD	MDK	10-AUG-00		6010
			NI	5.6	% RPD	MDK	10-AUG-00		6010
			PB	1.9	% RPD	MDK	10-AUG-00		6010
			SB	<1	% RPD	MDK	10-AUG-00		6010
			SE	4.4	% RPD	MDK	10-AUG-00		6010
			SN	2.6	% RPD	MDK	10-AUG-00		6010
			TL	5.8	% RPD	MDK	10-AUG-00		6010
			V	9.8	% RPD	MDK	10-AUG-00		6010
			ZN	7.3	% RPD	MDK	10-AUG-00		6010
WG000533-6		Duplicate	CN-	16	% RPD	DC	30-JUN-00		335.2
			MOIST.	<1	% RPD	MJF	28-JUN-00		GRAV.
WG000533-7		Matrix Spike	AG	101	%Recovery	MDK	10-AUG-00		6010
			AS	90	%Recovery	MDK	10-AUG-00		6010
			BA	93	%Recovery	MDK	10-AUG-00		6010
			BI	95	%Recovery	MDK	10-AUG-00		6010
			CD	89	%Recovery	MDK	10-AUG-00		6010
			CN-	92	%Recovery	DC	30-JUN-00		335.2
			CO	94	%Recovery	MDK	10-AUG-00		6010
			CR	109	%Recovery	MDK	10-AUG-00		6010
			CU	113	%Recovery	MDK	10-AUG-00		6010
			HG	93	%Recovery	EH	05-JUL-00		7471
			MN	107	%Recovery	MDK	10-AUG-00		6010
			NI	93	%Recovery	MDK	10-AUG-00		6010
			PB	91	%Recovery	MDK	10-AUG-00		6010
			SB	55*	%Recovery	MDK	10-AUG-00		6010
			SE	77	%Recovery	MDK	10-AUG-00		6010
			SN	93	%Recovery	MDK	10-AUG-00		6010
			TL	83	%Recovery	MDK	10-AUG-00		6010
			V	103	%Recovery	MDK	10-AUG-00		6010

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WG000533-7		Matrix Spike	ZN	94	%Recovery	MDK	10-AUG-00		6010
WG000533-8		Prep Blank	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.0	ppm	MDK	10-AUG-00		6010
			BA	<5.0	ppm	MDK	10-AUG-00		6010
			BI	<4.0	ppm	MDK	10-AUG-00		6010
			CD	<1.0	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	30-JUN-00		335.2
			CO	<5.0	ppm	MDK	10-AUG-00		6010
			CR	<5.0	ppm	MDK	10-AUG-00		6010
			CU	<5.0	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	05-JUL-00		7471
			MN	<5.0	ppm	MDK	10-AUG-00		6010
			NI	<5.0	ppm	MDK	10-AUG-00		6010
			PB	<5.0	ppm	MDK	10-AUG-00		6010
			SB	<0.8	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.0	ppm	MDK	10-AUG-00		6010
			TL	<1.0	ppm	MDK	10-AUG-00		6010
			V	<5.0	ppm	MDK	10-AUG-00		6010
			ZN	<5.0	ppm	MDK	10-AUG-00		6010
WG000533-9		Lab Control Sample	AG	99	%Recovery	MDK	10-AUG-00		6010
			AS	96	%Recovery	MDK	10-AUG-00		6010
			BA	102	%Recovery	MDK	10-AUG-00		6010
			BI	94	%Recovery	MDK	10-AUG-00		6010
			CD	99	%Recovery	MDK	10-AUG-00		6010
			CN-	100	%Recovery	DC	30-JUN-00		335.2
			CO	97	%Recovery	MDK	10-AUG-00		6010
			CR	104	%Recovery	MDK	10-AUG-00		6010
			CU	108	%Recovery	MDK	10-AUG-00		6010
			HG	101	%Recovery	EH	05-JUL-00		7471
			MN	106	%Recovery	MDK	10-AUG-00		6010
			NI	98	%Recovery	MDK	10-AUG-00		6010
			PB	97	%Recovery	MDK	10-AUG-00		6010
			SB	160**	%Recovery	MDK	10-AUG-00		6010
			SE	84	%Recovery	MDK	10-AUG-00		6010
			SN	107	%Recovery	MDK	10-AUG-00		6010
			TL	96	%Recovery	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project)

Batch No: WG000533

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000533-9		Lab Control Sample	V	106	%Recovery	MDK	10-AUG-00		6010
			ZN	94	%Recovery	MDK	10-AUG-00		6010
WG000533-10		Matrix Spike Duplicate	AG	1.4	% RPD	MDK	10-AUG-00		6010
			AS	1.1	% RPD	MDK	10-AUG-00		6010
			BA	4.3	% RPD	MDK	10-AUG-00		6010
			BI	<1	% RPD	MDK	10-AUG-00		6010
			CD	2.4	% RPD	MDK	10-AUG-00		6010
			CN-	2	% RPD	DC	06-JUL-00		335.2
			CO	2.3	% RPD	MDK	10-AUG-00		6010
			CR	8	% RPD	MDK	10-AUG-00		6010
			CU	4.1	% RPD	MDK	10-AUG-00		6010
			HG	<1	% RPD	EH	05-JUL-00		7471
			MN	1.5	% RPD	MDK	10-AUG-00		6010
			NI	5.2	% RPD	MDK	10-AUG-00		6010
			PB	1.0	% RPD	MDK	10-AUG-00		6010
			SB	<1	% RPD	MDK	10-AUG-00		6010
			SE	<1	% RPD	MDK	10-AUG-00		6010
			SN	<1	% RPD	MDK	10-AUG-00		6010
			TL	1.8	% RPD	MDK	10-AUG-00		6010
			V	5.6	% RPD	MDK	10-AUG-00		6010
			ZN	4.0	% RPD	MDK	10-AUG-00		6010
WG000533-11		Duplicate	CN-	1	% RPD	DC	06-JUL-00		335.2
			MOIST.	<1	% RPD	MJF	28-JUN-00		GRAV.

* Spikes outside acceptance limits.
** LCS for Sb is within ERA (244) 95% cofidence interval.

AKH for VPK
Approved

Reviewer

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 5

Project Number/Name CCCC0042.0001

Project Location Ennis, Corpus Christi, TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Brammer

Sampler(s)/Affiliation BSU / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL - SO4, Na, K, Ca, Mg, Cl, F, Br, NO3, PO4, Alk, TDS, TSS, VFA, TKN, NH3, Tot P, Ortho P, Sulfide, Lmt Hd (8 oz glass Jar w/ Teflon Lined Lid)	Remarks	Total
B79 0.5	S	6/16/00 905		1		1
B79 2-2.5		907		1		1
B79 5.5		910		1		1
B79 8.5		915		1		1
B79 11.5		923		1		1
B79 14.5		930		1		1
B79 17.5		945		1		1
B79 (15-18.5)		1000		1		1
DUPLICATE 21		—		1		1
DUPLICATE 22	S	—		1		1
EQUIPMENT 21	L	1200		2	1) metals, 1) CN] Preserved	2
EQUIPMENT 22	L	1330		2	1) metals, 1) CN] Preserved	2

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 14

					Seal Intact?
Relinquished by: Susan Hatton	Organization: ARCADIS	Date 6/22/00	Time 1900		
Received by: Hatton	Organization: ASARCO	Date 6/23/00	Time 11:00		Yes No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: Run all parameters

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCAL - GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page ____ of 5

Project Number/Name Circle K #2001

Project Location Encino, Corpus Christi, TX

Laboratory ARSENAL, Salt Lake City, UT

Project Manager Ken Brandhuber

Sampler(s)/Affiliation BBI / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Terra - Sb, As, Ba, Be, Cd, Co, Cr, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (16 oz glass Jar w/Teflon lined lid)	Remarks	Total
BB0 0-0.5	S	6/21/00 1013		1 HOLD		1
BB0 2-2.5		1015		1 HOLD		1
BB0 5.5		1017		1 HOLD		1
BB0 8.5		1025		1 HOLD		1
BB0 11.5		1030		1 HOLD		1
BB0 14.5		1035		1 HOLD		1
BB0 17.5-18		1050		1 HOLD		1
BB1 0-0.5		1100		1 HOLD		1
BB1 2-2.5		1103		1 HOLD		1
BB1 5.5		1107		1 HOLD		1
BB1 8.5		1112		1 HOLD		1
BB1 11.5		1120		1 HOLD		1
BB1 14.5		1127		1 HOLD		1
BB1 17.5		1135		1 HOLD		1
BB1 20.7-21	S	1150		1 HOLD		1

Sample Matrix: L = Liquid; S = Solid; A = Air Total No. of Bottles/ Containers: 15

					Seal Intact?
Relinquished by: Brandhuber	Organization: ARCADIS	Date 6/22/00	Time 1800		
Received by: Gentry	Organization: ARSENAL	Date 6/23/00	Time 1100		Yes No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks:

(BB9 - BB1) STEP OUT BORING - HOLD BB0 - BB1 UNTIL NOTIFIED BY ARCADIS

Ken Brandhuber - 361-883-1353 FAX 361 883-7965

Delivery Method: ☐ In Person ☒ Common Carrier FedEx SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 3 of 5

Project Number/Name Corpus Christi

Project Location Bruce E. Cooper (Grnds), TX

Laboratory ARCADIS, Salt Lake City, UT

Project Manager Ken Brambler

Sampler(s)/Affiliation BE / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL- Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn (6 oz glass) / Kerr Liner Lid						Remarks	Total
BB2 0-0.5	S	6/21/00 1335		1							1
BB2 2-2.5		1337		1							1
BB2 5-5.5		1345		1							1
BB2 8-8.5		1348		1							1
BB2 11-11.5		1350		1							1
BB2 14-14.5		1357		1							1
BB2 17-17.5		1415		1							1
BB2 19-20	S	1430		1							1
~~BB3 0-0.5~~											
BB3 2-2.5											
BB3 5-5.5											
BB3 8-8.5											
11-11.5											
14-14.5											

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 8

Relinquished by: [signature]	Organization: ARCADIS	Date 6/22/00	Time 1800	Seal Intact?	
Received by: M. Otte	Organization: ~~ESAT~~ CO	Date 6/23/00	Time 1100	(Yes) No N/A	
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?	
Received by: _____	Organization: _____	Date / /	Time _____	Yes No N/A	

Special Instructions/Remarks: Run ALL Parameters on BB2 (Step out bottles BB2, BB3, BB4)

See Page 4/5 for BB3-BB4

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 4 of 5

Project Number/Name CC000642.0001

Project Location Knoxville, Anderson, TN

Laboratory ASARCO, Salt Lake City, UT

Project Manager Kevin Boardner

Sampler(s)/Affiliation BH/ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL - Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass wide/high mouth)						Remarks	Total
BB3 0-0.5	S	6/7/00 1145		1	HOLD						1
BB3 2-2.5		1150		1	HOLD						1
BB3 5.5		1155		1	HOLD						1
BB3 8.5		1505		1	HOLD						1
BB3 11.5		1515		1	HOLD						1
BB3 14.5		1525		1	HOLD						1
BB3 17.5		1540		1	HOLD						1
BB3 20.5		1550		1	HOLD						1
BB3 23.5-24	S	1600		1	HOLD						1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 9

Relinquished by: Bryan Hittman	Organization: ARCADIS	Date 6/22/00	Time 1500	Seal Intact?	
Received by: Fedex	Organization: ASARCO	Date 6/23/00	Time 1100	(Yes) No N/A	
Relinquished by: _____	Organization: _____	Date __/__/__	Time _____	Seal Intact?	
Received by: _____	Organization: _____	Date __/__/__	Time _____	Yes No N/A	

Special Instructions/Remarks: Step out formats HOLD BB3 and BB4 until notified by ARCADIS

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 5 of 5

Project Number/Name (Cccccc7.1001)

Project Location Ennis, Corpus Christi, TX

Laboratory ARCO, Salt Lake City, UT

Project Manager Ken Brandhuber

Sampler(s)/Affiliation MH, ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL - Sb, As, Ba, Be; (Ag, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (B or alias) (w Teflon Lined Lid)						Remarks	Total
B84 0-0.5	S	6/21/00 815		1	HOLD						1
B84 2.5-3		830		1	HOLD						1
B84 5.5		835		1	HOLD						1
B84 8.5		840		1	HOLD						1
B84 11.5		845		1	HOLD						1
B84 14.5		850		1	HOLD						1
B84 17.5		855		1	HOLD						1
B84 20.5		900		1	HOLD						1
B84 23.5-24	S	916		1	HOLD						1
FIELD BLANK	L	6/21/00 1400		2	1) metals w/ HNO3		2) CN- preserved				2

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 11

Relinquished by: [signature]	Organization: ARCADIS	Date 6/22/00	Time 1500	Seal Intact?	
Received by: [signature]	Organization: ARCO	Date 6/23/00	Time 1100	Yes	No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes	No N/A

Special Instructions/Remarks: B84 part of step out trainers (B82, B83, B84) HOLD B84 UNTIL NOTIFIED BY ARCADIS

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 4

Project Number/Name 6000b47.0001

Project Location Ensayde, Corpus Christi, TX

Laboratory ASSAIG, Salt Lake City, UT

Project Manager Ken Brandsor

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL - Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn	(6 oz glass jar) Reflux (1:1)				Remarks	Total
B53 0-0.5	S	6/22/00 945		1						1
B53 2-2.5	|	947		1 HOLD						1
B53 5.5	|	950		1 HOLD						1
B53 8.5	|	955		1 HOLD						1
B53 11.5	|	1000		1 HOLD						1
B53 14.5	|	1010		1 HOLD						1
B53 17.5-18	|	1017		1 HOLD						1
B54 0-0.5	|	1035		1						1
B54 2-2.5	|	1037		1 HOLD						1
B54 5.5	|	1041		1 HOLD						1
B54 8.5	|	1045		1 HOLD						1
B54 11.5	|	1050		1 HOLD						1
B54 14-15	S	1055		1 HOLD						1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 13

Relinquished by: Burgunthy	Organization: ARCADIS	Date 6/22/00	Time 1800	Seal Intact?	
Received by: Mowrey	Organization: Astreo	Date 6/23/00	Time 0400	Yes	No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes	No N/A

Special Instructions/Remarks:

(B53, B54) → RUN ONLY 0-0.5 - HOLD ALL OTHER DEPTHS UNTIL NOTIFIED BY ARCADIS

Results to Ken Brandsor Fax 361-883-7565

Delivery Method: ☐ In Person ☑ Common Carrier Fed Ex ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 4

Project Number/Name (600647.0001)

Project Location Enright Corpus Christi, TX

Laboratory ARCADIS, Salt Lake City UT

Project Manager Ken Kraemer

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass w/Teflon lined lid)						Remarks	Total
BB5 0-0.5	S	6/22/00 1120		1							1
BB5 2-2.5		1123		1	HOLD						1
BB5 5.5		1127		1	HOLD						1
BB5 8.5		1130		1	HOLD						1
BB5 11.5		1135		1	HOLD						1
BB5 14.5		1140		1	HOLD						1
BB5 (17.5-18)		1145		1	HOLD						1
BB7 0-0.5		1410		1							1
BB7 2-2.5		1412		1	HOLD						1
BB7 5.5		1415		1	HOLD						1
BB7 8.5		1420		1	HOLD						1
BB7 11.5		1425		1	HOLD						1
BB7 14.5		1430		1	HOLD						1
BB7 16-16.5	S	1435		1	HOLD						1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 14

Relinquished by: [signature]	Organization: ARCADIS	Date 6/22/00	Time 1800	Seal Intact?		
Received by: [signature]	Organization: FEDEX	Date 6/23/00	Time 1100	(Yes)	No	N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?		
Received by:	Organization:	Date / /	Time	Yes	No	N/A

Special Instructions/Remarks: (BB5, BB7) RUN ONLY 0-0.5 - HOLD ALL OTHER DEPTHS UNTIL NOTIFIED BY ARCADIS

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05 0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 3 of 4

Project Number/Name Cccoo6l2ooci

Project Location Encycle, Corpus Christi, TX

Laboratory ASARCO, SALT LAKE CITY, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location		Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total - Sb, As, Ba, B; Ca, Cr, Co, Cu, CN, Pb; Mn, Hg, Ni, Se, Ag; Tl, Sn, V, Zn (8 oz glass w/ teflon lined lid)	Remarks	Total
B46	0-0.5	S	6/22/00 1515		1		1
B46	2-2.5		1517		1 HOLD		1
B46	5.5		1525		1 HOLD		1
B46	8.5		1530		1 HOLD		1
B46	11.5		1535		1 HOLD		1
B46	14.5		1545		1 HOLD		1
B46	16-16.5		1555		1 HOLD		1
B47	(0-0.5)		1605		1		1
B47	(2-2.5)		1607		1 HOLD		1
B47	5.5		1610		1 HOLD		1
B47	8.5		1615		1 HOLD		1
B47	11.5		1620		1 HOLD		1
B47	14.5				1		
B47		S			1		

(BH)

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 12

					Seal Intact?
Relinquished by: Brian Kelly	Organization: ARCADIS	Date 6/22/00	Time 1800		
Received by: [illegible]	Organization: ASARCO	Date 6/23/00	Time 1100		(Yes) No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks: (B46, B47) → RUN 0-0.5 ONLY - HOLD ALL OTHER DEPTH UNTILL NOTIFIED BY ARCADIS

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 4 of 4

Project Number/Name Cccoolazwa1

Project Location Encinale, Corpus Christi, TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL - Sb, As, Ba, B; Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass w/teflon lined lid)						Remarks	Total
B113 (0-0.5)	S	6/22/00 1315		1							1
B113 (2-2.5)		1317		1							1
B113 (5.5)		1323		1							1
B113 (8.5)		1330		1							1
B113 (11.5)		1335		1							1
B113 (14.5)		1340		1							1
B113 (17.3-18)		1347		1							1
DUPLICATE 23 (0-0.5)		—		1							1
DUPLICATE 24 (5.5)		—		1							1
DUPLICATE 25	S	—		1							1
EQUIPMENT 23	L	1155		2						1) metals w/HNO3	2
EQUIPMENT 24	L	1300		2						2) CN- w/ preservative	2
EQUIPMENT 25	L	1600		2							2
FIELD BLANK	L	1100		2							2
										Total No. of Bottles/ Containers	18

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: Bryan Hanny	Organization: ARCADIS	Date 6/22/00	Time 1800	Seal Intact?		
Received by: J McAfee	Organization: ASARCO	Date 6/23/00	Time 1100	Yes	No	N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?		
Received by:	Organization:	Date / /	Time	Yes	No	N/A

Special Instructions/Remarks: RUN ALL DEPTHS FOR B113

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

September 19, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (11), eleven soil samples collected on June 15, 2000, in association with the Encycle Project # CC00064.0001 and received by the laboratory on June 16, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000929

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000929-001	15-JUN-00	B50 (0-0.5)	AG	2.	ppm	MDK	16-SEP-00		6010
			AS	17.	ppm	MDK	16-SEP-00		6010
			BA	339.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	36.	ppm	MDK	16-SEP-00		6010
			CN-	2.8	ppm	DC	29-JUN-00		335.2
			CO	9.	ppm	MDK	16-SEP-00		6010
			CR	73.*	ppm	MDK	16-SEP-00		6010
			CU	165.	ppm	MDK	16-SEP-00		6010
			HG	0.51	ppm	EH	30-JUN-00		7471
			MN	651.	ppm	MDK	16-SEP-00		6010
			MOIST.	16.	%	MJF	25-JUN-00		GRAV.
			NI	29.	ppm	MDK	16-SEP-00		6010
			PB	424.	ppm	MDK	16-SEP-00		6010
			SB	3.*	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	32.	ppm	MDK	16-SEP-00		6010
			TL	<1.	ppm	MDK	16-SEP-00		6010
			V	29.	ppm	MDK	16-SEP-00		6010
			ZN	6892.	ppm	MDK	16-SEP-00		6010
L000929-002	15-JUN-00	B49 (0-0.5)	AG	2.	ppm	MDK	16-SEP-00		6010
			AS	13.	ppm	MDK	16-SEP-00		6010
			BA	409.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	37.	ppm	MDK	16-SEP-00		6010
			CN-	<0.04	ppm	DC	27-JUN-00		335.2
			CO	34.	ppm	MDK	16-SEP-00		6010
			CR	63.*	ppm	MDK	16-SEP-00		6010
			CU	254.	ppm	MDK	16-SEP-00		6010
			HG	0.43	ppm	EH	30-JUN-00		7471
			MN	462.	ppm	MDK	16-SEP-00		6010
			MOIST.	14.	%	MJF	25-JUN-00		GRAV.
			NI	42.	ppm	MDK	16-SEP-00		6010
			PB	423.	ppm	MDK	16-SEP-00		6010
			SB	2.*	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	23.	ppm	MDK	16-SEP-00		6010
			TL	1.	ppm	MDK	16-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000929

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000929-002	15-JUN-00	B49 (0-0.5)	V	30.	ppm	MDK	16-SEP-00		6010
			ZN	3715.	ppm	MDK	16-SEP-00		6010
L000929-003	15-JUN-00	B52 (0-0.5)	AG	1.	ppm	MDK	16-SEP-00		6010
			AS	<5.	ppm	MDK	16-SEP-00		6010
			BA	181.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	4.	ppm	MDK	16-SEP-00		6010
			CN-	<0.04	ppm	DC	27-JUN-00		335.2
			CO	7.	ppm	MDK	16-SEP-00		6010
			CR	46.*	ppm	MDK	16-SEP-00		6010
			CU	23.	ppm	MDK	16-SEP-00		6010
			HG	0.07	ppm	EH	30-JUN-00		7471
			MN	312.	ppm	MDK	16-SEP-00		6010
			MOIST.	20.	%	MJF	25-JUN-00		GRAV.
			NI	25.	ppm	MDK	16-SEP-00		6010
			PB	66.	ppm	MDK	16-SEP-00		6010
			SB	<0.8*	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	<5.	ppm	MDK	16-SEP-00		6010
			TL	<1.	ppm	MDK	16-SEP-00		6010
			V	22.	ppm	MDK	16-SEP-00		6010
			ZN	707.	ppm	MDK	16-SEP-00		6010
L000929-004	15-JUN-00	B69 (0-0.5)	AG	<0.5	ppm	MDK	16-SEP-00		6010
			AS	<5.	ppm	MDK	16-SEP-00		6010
			BA	132.	ppm	MDK	16-SEP-00		6010
			BI	6.	ppm	MDK	16-SEP-00		6010
			CD	512.	ppm	MDK	16-SEP-00		6010
			CN-	<0.04	ppm	DC	27-JUN-00		335.2
			CO	68.	ppm	MDK	16-SEP-00		6010
			CR	67.*	ppm	MDK	16-SEP-00		6010
			CU	295.	ppm	MDK	16-SEP-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	746.	ppm	MDK	16-SEP-00		6010
			MOIST.	19.	%	MJF	25-JUN-00		GRAV.
			NI	149.	ppm	MDK	16-SEP-00		6010
			PB	14.	ppm	MDK	16-SEP-00		6010
			SB	<0.8*	ppm	MDK	16-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000929

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000929-004	15-JUN-00	B69 (0-0.5)	SE	3.	ppm	MDK	16-SEP-00		6010
			SN	6.	ppm	MDK	16-SEP-00		6010
			TL	<1.	ppm	MDK	16-SEP-00		6010
			V	15.	ppm	MDK	16-SEP-00		6010
			ZN	25520.	ppm	MDK	16-SEP-00		6010
L000929-005	15-JUN-00	B67 (0-0.5)	AG	2.	ppm	MDK	16-SEP-00		6010
			AS	<5.	ppm	MDK	16-SEP-00		6010
			BA	161.	ppm	MDK	16-SEP-00		6010
			BI	12.	ppm	MDK	16-SEP-00		6010
			CD	326.	ppm	MDK	16-SEP-00		6010
			CN-	<0.04	ppm	DC	27-JUN-00		335.2
			CO	8.	ppm	MDK	16-SEP-00		6010
			CR	17.*	ppm	MDK	16-SEP-00		6010
			CU	407.	ppm	MDK	16-SEP-00		6010
			HG	0.10	ppm	EH	30-JUN-00		7471
			MN	1297.	ppm	MDK	16-SEP-00		6010
			MOIST.	23.	%	MJF	25-JUN-00		GRAV.
			NI	16.	ppm	MDK	16-SEP-00		6010
			PB	56.	ppm	MDK	16-SEP-00		6010
			SB	<0.8*	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	12.	ppm	MDK	16-SEP-00		6010
			TL	<1.	ppm	MDK	16-SEP-00		6010
			V	18.	ppm	MDK	16-SEP-00		6010
			ZN	52100.	ppm	MDK	16-SEP-00		6010
L000929-006	15-JUN-00	B51 (0-0.5)	AG	3.	ppm	MDK	16-SEP-00		6010
			AS	14.	ppm	MDK	16-SEP-00		6010
			BA	299.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	24.	ppm	MDK	16-SEP-00		6010
			CN-	2.6	ppm	DC	28-JUN-00		335.2
			CO	17.	ppm	MDK	16-SEP-00		6010
			CR	165.*	ppm	MDK	16-SEP-00		6010
			CU	291.	ppm	MDK	16-SEP-00		6010
			HG	0.40	ppm	EH	30-JUN-00		7471
			MN	372.	ppm	MDK	16-SEP-00		6010
			MOIST.	17.	%	MJF	25-JUN-00		GRAV.

ASARCO TECHNICAL SERVICES CENTER

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Technical Services (Project 8201)

Batch No: L000929

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000929-006	15-JUN-00	B51 (0-0.5)	NI	48.	ppm	MDK	16-SEP-00		6010
			PB	675.	ppm	MDK	16-SEP-00		6010
			SB	3.*	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	22.	ppm	MDK	16-SEP-00		6010
			TL	<1.	ppm	MDK	16-SEP-00		6010
			V	16.	ppm	MDK	16-SEP-00		6010
			ZN	5798.	ppm	MDK	16-SEP-00		6010
L000929-007	15-JUN-00	B45 (0-0.5)	AG	<0.5	ppm	MDK	16-SEP-00		6010
			AS	22.	ppm	MDK	16-SEP-00		6010
			BA	185.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	31.	ppm	MDK	16-SEP-00		6010
			CN-	0.59	ppm	DC	28-JUN-00		335.2
			CO	36.	ppm	MDK	16-SEP-00		6010
			CR	204.*	ppm	MDK	16-SEP-00		6010
			CU	269.	ppm	MDK	16-SEP-00		6010
			HG	0.30	ppm	EH	30-JUN-00		7471
			MN	193.	ppm	MDK	16-SEP-00		6010
			MOIST.	16.	%	MJF	25-JUN-00		GRAV.
			NI	74.	ppm	MDK	16-SEP-00		6010
			PB	59.	ppm	MDK	16-SEP-00		6010
			SB	<0.8*	ppm	MDK	16-SEP-00		6010
			SE	5.	ppm	MDK	16-SEP-00		6010
			SN	8.	ppm	MDK	16-SEP-00		6010
			TL	8.	ppm	MDK	16-SEP-00		6010
			V	27.	ppm	MDK	16-SEP-00		6010
			ZN	1588.	ppm	MDK	16-SEP-00		6010
L000929-008	15-JUN-00	B44 (0-0.5)	AG	4.	ppm	MDK	16-SEP-00		6010
			AS	28.	ppm	MDK	16-SEP-00		6010
			BA	369.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	99.	ppm	MDK	16-SEP-00		6010
			CN-	0.16	ppm	DC	28-JUN-00		335.2
			CO	60.	ppm	MDK	16-SEP-00		6010
			CR	60.*	ppm	MDK	16-SEP-00		6010
			CU	287.	ppm	MDK	16-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000929

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000929-008	15-JUN-00	B44 (0-0.5)	HG	2.1	ppm	EH	05-JUL-00		7471
			MN	917.	ppm	MDK	16-SEP-00		6010
			MOIST.	14.	%	MJF	25-JUN-00		GRAV.
			NI	35.	ppm	MDK	16-SEP-00		6010
			PB	431.	ppm	MDK	16-SEP-00		6010
			SB	5.*	ppm	MDK	16-SEP-00		6010
			SE	5.	ppm	MDK	16-SEP-00		6010
			SN	36.	ppm	MDK	16-SEP-00		6010
			TL	3.	ppm	MDK	16-SEP-00		6010
			V	20.	ppm	MDK	16-SEP-00		6010
			ZN	7725.	ppm	MDK	16-SEP-00		6010
L000929-009	15-JUN-00	DUPLICATE 9	AG	1.	ppm	MDK	16-SEP-00		6010
			AS	18.	ppm	MDK	16-SEP-00		6010
			BA	674.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	6.	ppm	MDK	16-SEP-00		6010
			CN-	2.2	ppm	DC	29-JUN-00		335.2
			CO	8.	ppm	MDK	16-SEP-00		6010
			CR	60.*	ppm	MDK	16-SEP-00		6010
			CU	99.	ppm	MDK	16-SEP-00		6010
			HG	0.23	ppm	EH	30-JUN-00		7471
			MN	586.	ppm	MDK	16-SEP-00		6010
			MOIST.	18.	%	MJF	25-JUN-00		GRAV.
			NI	19.	ppm	MDK	16-SEP-00		6010
			PB	301.	ppm	MDK	16-SEP-00		6010
			SB	3.*	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	34.	ppm	MDK	16-SEP-00		6010
			TL	2.	ppm	MDK	16-SEP-00		6010
			V	29.	ppm	MDK	16-SEP-00		6010
			ZN	4347.	ppm	MDK	16-SEP-00		6010
L000929-010	15-JUN-00	DUPLICATE 10	AG	2.	ppm	MDK	16-SEP-00		6010
			AS	31.	ppm	MDK	16-SEP-00		6010
			BA	409.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	54.	ppm	MDK	16-SEP-00		6010
			CN-	0.14	ppm	DC	28-JUN-00		335.2

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000929

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000929-010	15-JUN-00	DUPLICATE 10	CO	24.	ppm	MDK	16-SEP-00		6010
			CR	99.*	ppm	MDK	16-SEP-00		6010
			CU	271.	ppm	MDK	16-SEP-00		6010
			HG	0.62	ppm	EH	30-JUN-00		7471
			MN	645.	ppm	MDK	16-SEP-00		6010
			MOIST.	13.	%	MJF	25-JUN-00		GRAV.
			NI	48.	ppm	MDK	16-SEP-00		6010
			PB	722.	ppm	MDK	16-SEP-00		6010
			SB	5.*	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	33.	ppm	MDK	16-SEP-00		6010
			TL	1.	ppm	MDK	16-SEP-00		6010
			V	25.	ppm	MDK	16-SEP-00		6010
			ZN	7562.	ppm	MDK	16-SEP-00		6010
L000929-011	15-JUN-00	DUPLICATE 11	AG	2.	ppm	MDK	16-SEP-00		6010
			AS	18.	ppm	MDK	16-SEP-00		6010
			BA	242.	ppm	MDK	16-SEP-00		6010
			BI	<4.	ppm	MDK	16-SEP-00		6010
			CD	20.	ppm	MDK	16-SEP-00		6010
			CN-	1.6	ppm	DC	28-JUN-00		335.2
			CO	12.	ppm	MDK	16-SEP-00		6010
			CR	169.*	ppm	MDK	16-SEP-00		6010
			CU	294.	ppm	MDK	16-SEP-00		6010
			HG	0.16	ppm	EH	30-JUN-00		7471
			MN	447.	ppm	MDK	16-SEP-00		6010
			MOIST.	18.	%	MJF	25-JUN-00		GRAV.
			NI	54.	ppm	MDK	16-SEP-00		6010
			PB	495.	ppm	MDK	16-SEP-00		6010
			SB	3.*	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	23.	ppm	MDK	16-SEP-00		6010
			TL	<1.	ppm	MDK	16-SEP-00		6010
			V	18.	ppm	MDK	16-SEP-00		6010
			ZN	5508.	ppm	MDK	16-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000929

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD

(*) *Quality control data indicates a possible bias. See* QC report for details.

AKH for VPK
Approved

Reviewer

ASARCO *TECHNICAL SERVICES CENTER*

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000494

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
W6000494-6		Duplicate	CN-	<1	% RPD	DC	27-JUN-00		335.2
WG000494-1		Matrix Spike	AG	99	%Recovery	MDK	16-SEP-00		6010
			AS	91	%Recovery	MDK	16-SEP-00		6010
			BA	93	%Recovery	MDK	16-SEP-00		6010
			BI	96	%Recovery	MDK	16-SEP-00		6010
			CD	86	%Recovery	MDK	16-SEP-00		6010
			CN-	82	%Recovery	DC	27-JUN-00		335.2
			CO	92	%Recovery	MDK	16-SEP-00		6010
			CR	68*	%Recovery	MDK	16-SEP-00		6010
			CU	108	%Recovery	MDK	16-SEP-00		6010
			HG	112	%Recovery	EH	30-JUN-00		7471
			MN	89	%Recovery	MDK	16-SEP-00		6010
			NI	86	%Recovery	MDK	16-SEP-00		6010
			PB	94	%Recovery	MDK	16-SEP-00		6010
			SB	34*	%Recovery	MDK	16-SEP-00		6010
			SE	81	%Recovery	MDK	16-SEP-00		6010
			SN	94	%Recovery	MDK	16-SEP-00		6010
			TL	85	%Recovery	MDK	16-SEP-00		6010
			V	98	%Recovery	MDK	16-SEP-00		6010
			ZN	SR>4SA	%Recovery	MDK	16-SEP-00		6010
WG000494-2		Prep Blank	AG	<0.5	ppm	MDK	16-SEP-00		6010
			AS	<5.0	ppm	MDK	16-SEP-00		6010
			BA	<5.0	ppm	MDK	16-SEP-00		6010
			BI	<4.0	ppm	MDK	16-SEP-00		6010
			CD	<1.0	ppm	MDK	16-SEP-00		6010
			CN-	<0.04	ppm	DC	27-JUN-00		335.2
			CO	<5.0	ppm	MDK	16-SEP-00		6010
			CR	<5.0	ppm	MDK	16-SEP-00		6010
			CU	<5.0	ppm	MDK	16-SEP-00		6010
			HG	<0.05	ppm	EH	30-JUN-00		7471
			MN	<5.0	ppm	MDK	16-SEP-00		6010
			NI	<5.0	ppm	MDK	16-SEP-00		6010
			PB	<5.0	ppm	MDK	16-SEP-00		6010
			SB	<0.8	ppm	MDK	16-SEP-00		6010
			SE	<0.8	ppm	MDK	16-SEP-00		6010
			SN	<5.0	ppm	MDK	16-SEP-00		6010
			TL	1.1	ppm	MDK	16-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000494

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000494-2		Prep Blank	V	<5.0	ppm	MDK	16-SEP-00		6010
			ZN	<5.0	ppm	MDK	16-SEP-00		6010
WG000494-3		Lab Control Sample	AG	94	%Recovery	MDK	16-SEP-00		6010
			AS	91	%Recovery	MDK	16-SEP-00		6010
			BA	95	%Recovery	MDK	16-SEP-00		6010
			BI	91	%Recovery	MDK	16-SEP-00		6010
			CD	91	%Recovery	MDK	16-SEP-00		6010
			CN-	92	%Recovery	DC	27-JUN-00		335.2
			CO	91	%Recovery	MDK	16-SEP-00		6010
			CR	96	%Recovery	MDK	16-SEP-00		6010
			CU	102	%Recovery	MDK	16-SEP-00		6010
			HG	99	%Recovery	EH	30-JUN-00		7471
			MN	98	%Recovery	MDK	16-SEP-00		6010
			NI	94	%Recovery	MDK	16-SEP-00		6010
			PB	92	%Recovery	MDK	16-SEP-00		6010
			SB	132**	%Recovery	MDK	16-SEP-00		6010
			SE	80	%Recovery	MDK	16-SEP-00		6010
			SN	102	%Recovery	MDK	16-SEP-00		6010
			TL	95	%Recovery	MDK	16-SEP-00		6010
			V	97	%Recovery	MDK	16-SEP-00		6010
			ZN	96	%Recovery	MDK	16-SEP-00		6010
WG000494-4		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000494

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000494-4		Reporting Limit	TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000494-5		Matrix Spike Duplicate	AG	6.8	% RPD	MDK	16-SEP-00		6010
			AS	<1	% RPD	MDK	16-SEP-00		6010
			BA	<1	% RPD	MDK	16-SEP-00		6010
			BI	2	% RPD	MDK	16-SEP-00		6010
			CD	8.1	% RPD	MDK	16-SEP-00		6010
			CO	<1	% RPD	MDK	16-SEP-00		6010
			CR	12	% RPD	MDK	16-SEP-00		6010
			CU	2.2	% RPD	MDK	16-SEP-00		6010
			HG	13	% RPD	EH	30-JUN-00		7471
			MN	2.7	% RPD	MDK	16-SEP-00		6010
			NI	8.9	% RPD	MDK	16-SEP-00		6010
			PB	1.2	% RPD	MDK	16-SEP-00		6010
			SB	25***	% RPD	MDK	16-SEP-00		6010
			SE	1.1	% RPD	MDK	16-SEP-00		6010
			SN	<1	% RPD	MDK	16-SEP-00		6010
			TL	1.1	% RPD	MDK	16-SEP-00		6010
			V	1.7	% RPD	MDK	16-SEP-00		6010
			ZN	3.3	% RPD	MDK	16-SEP-00		6010

* Spikes outside acceptance limits due to matrix interference.
** LCS for Sb is within ERA (244) 95% confidence interval.
*** Duplicate spike recovery for Sb is out of range.

AKH for VPK
Approved

Reviewer

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 5

Project Number/Name CC000692.0001

Project Location ENCINAL, Corpus Christi, TX

Laboratory ASSECO, SALT LAKE CITY, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Mg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass jar w/ teflon lined lid)	Remarks	Total
B50 (0-0.5)	S	6/15/00 855		1		1
B50 (2-2.5)	S	857		1 HOLD		1
B50 (5.5)	S	903		1 HOLD		1
B50 (8.5)	S	905		1 HOLD		1
B50 (11.5)	S	910		1 HOLD		1
B50 (12.5-13)	S	911		1 HOLD		1
B49 (0-0.5)	S	932		1		1
B49 (2-2.5)	S	935		1 HOLD		1
B49 (5.5)	S	937		1 HOLD		1
B49 (8.5)	S	945		1 HOLD		1
B49 (11.5)	S	947		1 HOLD		1
B49 (12-12.5)	S	952		1 HOLD		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 12

						Seal Intact?
Relinquished by: Brandon Hanby	Organization: ARCADIS	Date 6/15/00	Time 1810			
Received by: Hanby	Organization: Asseco	Date 6/16/00	Time 1630			(Yes) No N/A
Relinquished by:	Organization:	Date / /	Time			Seal Intact?
Received by:	Organization:	Date / /	Time			Yes No N/A

Special Instructions/Remarks: See Table G-1 in RFI Work Plan Quality Assurance Plan for test methods - attached
Analyze 0-0.5' depth soil samples for all parameters, hold deeper samples until notified by ARCADIS.
Results to Ken Brandner - 361-883-1353

Delivery Method: ☐ In Person ☒ Common Carrier Fedex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AC 05-0587

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 5

Project Number/Name CC1800.47.0001

Project Location Enfield, Corpus Christi, TX

Laboratory TURNER Salt Lake City, UT

Project Manager Ken Kramer

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb	Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn	8 oz glass jar with Teflon lined lid	Remarks	Total
B52 (0-0.5)	S	6/15/00 1010		1				1
B52 (2-2.5)		1013		1	HOLD			1
B52 (5.5)		1017		1	HOLD			1
B52 (8.5)		1029		1	HOLD			1
B52 (11.5)		1034		1	HOLD			1
[redacted]								
B52 (14.5-15)		1040		1	HOLD			1
B69 (0-0.5)		1100		1				1
B69 (2-2.5)		1103		1	HOLD			1
B69 (5.5)		1107		1	HOLD			1
B69 (8.5)		1115		1	HOLD			1
B69 (11.5)		1120		1	HOLD			1
B69 (11.5)		1125		1	HOLD			1
B69 (15.5-16)	S	V 1130		1	HOLD			1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 13

					Seal Intact?
Relinquished by: Brandon Hollis	Organization: ARCADIS	Date 6/15/00	Time 1810		
Received by: Mobley	Organization: TURNER	Date 6/16/00	Time 1130		Yes (No) N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier FedEx ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-0592

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 3 of 5

Project Number/Name CCCCC642.0001

Project Location Encinal Corpus Christi, TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass jar with Teflon liner lid)	Remarks	Total
B67 (0-0.5)	S	6/15/00 1327		1		1
B67 (2-2.5)	|	1330		1 HOLD		1
B67 (5.5)	|	1335		1 HOLD		1
B67 (8.5)	|	1340		1 HOLD		1
B67 (11.5-12.5)	|	1345		1 HOLD		1
~~B67~~						
B51 (0-0.5)	|	1425		1		1
B51 (2-2.5)	|	1427		1 HOLD		1
B51 (5.5)	|	1432		1 HOLD		1
B51 (8.5)	|	1440		1 HOLD		1
B51 (11.5)	|	1445		1 HOLD		1
B51 (12.5-13)	✓	✓ 1450		1 HOLD		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 11

				Seal Intact?
Relinquished by: Lauren Hamel	Organization: ARCADIS	Date 6/15/00	Time 1810	
Received by: O'Cuttey	Organization: ASARCO	Date 6/16/00	Time 1130	(Yes) No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____	Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 4 of 5

Project Number/Name CLC00642.0001

Project Location Ingleside, Corpus Christi, TX

Laboratory STARLIMS, Salt Lake City, UT

Project Manager Ken Boardman

Sampler(s)/Affiliation [illegible] / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Mo, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass jar, Wilson Lead kit)							Remarks	Total
B45 (0-0.5)	S	6/15/00 1522		1								1
B45 (2-2.5)		1525		1	HOLD							1
B45 (5.5)		1530		1	HOLD							1
B45 (8.5)		1533		1	HOLD							1
B45 (11.5)		1535		1	HOLD							1
B45 (13-14)		1540		1	HOLD							1
B44 (0-0.5)		1550		1								1
B44 (2-2.5)		1555		1	HOLD							1
B44 (5.5)		1557		1	HOLD							1
B44 (8.5)		1605		1	HOLD							1
B44 (11.5)		1610		1	HOLD							1
B44 (14.5)		1615		1	HOLD							1
B44 (15-16)		1620		1	HOLD							1
		V										
	S											

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 13

					Seal Intact?
Relinquished by: [illegible]	Organization: ARCADIS	Date 6/15/00	Time 1810		
Received by: [illegible]	Organization: STARLIMS	Date 6/16/00	Time 430		Yes No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier FED EX SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AC 05 0503

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 5 of 5

Project Number/Name CC000692.0001

Project Location ENCYCLE Corpus Christi, TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, Be; Cd, Cr, Co, Cu, Ca, Pb; Mn, Hg, Ni, Se, Ag; Tl, Sn, V, Zn (6 oz glass Jar w/ Teflon lined Lid)	Remarks	Total
DUPLICATE 9	S	6/15/00 —		1		1
DUPLICATE 10	S	—		1		1
DUPLICATE 11	S	—		1		1
EQUIPMENT 9	L	925		1		1
EQUIPMENT 10	L	1000		1		1
EQUIPMENT 11	L	1505		1		1
FIELD BLANK	L	1200		1		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 7

Relinquished by: Brandner	Organization: ARCADIS	Date 6/15/00	Time 1510	Seal Intact?		
Received by: Potter	Organization: ASARCO	Date 6/16/00	Time 1130	(Yes)	No	N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?		
Received by:	Organization:	Date / /	Time	Yes	No	N/A

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☒ Common Carrier FedEx (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

ASARCO

September 19, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (49), forty nine soil samples collected between June 23, and June 27 , 2000 in association with the Encycle Project # CC00064.0001 and received by the laboratory on June 27 and June 28, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000983

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000983-001	23-JUN-00	B48 (0-0.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	561.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	27.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	25.*	ppm	MDK	10-AUG-00		6010
			CU	16.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	361.	ppm	MDK	10-AUG-00		6010
			MOIST.	21.	%	MJF	12-JUL-00		GRAV.
			NI	14.	ppm	MDK	10-AUG-00		6010
			PB	20.	ppm	MDK	10-AUG-00		6010
			SB	3.	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	34.	ppm	MDK	10-AUG-00		6010
			ZN	1560.	ppm	MDK	10-AUG-00		6010
L000983-002	23-JUN-00	B106 (0-0.5)	AG	5.	ppm	MDK	10-AUG-00		6010
			AS	42.	ppm	MDK	10-AUG-00		6010
			BA	159.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	99.	ppm	MDK	10-AUG-00		6010
			CN-	0.18	ppm	DC	06-JUL-00		335.2
			CO	10.	ppm	MDK	10-AUG-00		6010
			CR	29.*	ppm	MDK	10-AUG-00		6010
			CU	321.	ppm	MDK	10-AUG-00		6010
			HG	0.19*	ppm	EH	12-JUL-00		7471
			MN	911.	ppm	MDK	10-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	18.	ppm	MDK	10-AUG-00		6010
			PB	391.	ppm	MDK	10-AUG-00		6010
			SB	8.	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	9.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000983

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000983-002	23-JUN-00	B106 (0-0.5)	V	13.	ppm	MDK	10-AUG-00		6010
			ZN	7268.	ppm	MDK	10-AUG-00		6010
L000983-003	23-JUN-00	B105 (0-0.5)	AG	182.	ppm	MDK	10-AUG-00		6010
			AS	1310.	ppm	MDK	10-AUG-00		6010
			BA	95.	ppm	MDK	10-AUG-00		6010
			BI	75.	ppm	MDK	10-AUG-00		6010
			CD	1077.	ppm	MDK	10-AUG-00		6010
			CN-	0.56	ppm	DC	06-JUL-00		335.2
			CO	13.	ppm	MDK	10-AUG-00		6010
			CR	33.*	ppm	MDK	10-AUG-00		6010
			CU	1151.	ppm	MDK	10-AUG-00		6010
			HG	6.2*	ppm	EH	13-JUL-00		7471
			MN	2294.	ppm	MDK	10-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	11.	ppm	MDK	10-AUG-00		6010
			PB	13160.	ppm	MDK	10-AUG-00		6010
			SB	404.	ppm	MDK	10-AUG-00		6010
			SE	4.	ppm	MDK	10-AUG-00		6010
			SN	75.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	<5.	ppm	MDK	10-AUG-00		6010
			ZN	239900.	ppm	MDK	16-SEP-00		6010
L000983-004	23-JUN-00	B107 (0-0.5)	AG	13.	ppm	MDK	10-AUG-00		6010
			AS	44.	ppm	MDK	10-AUG-00		6010
			BA	155.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	99.	ppm	MDK	10-AUG-00		6010
			CN-	0.11	ppm	DC	06-JUL-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	18.*	ppm	MDK	10-AUG-00		6010
			CU	346.	ppm	MDK	10-AUG-00		6010
			HG	0.24*	ppm	EH	12-JUL-00		7471
			MN	812.	ppm	MDK	10-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	12.	ppm	MDK	10-AUG-00		6010
			PB	685.	ppm	MDK	10-AUG-00		6010
			SB	13.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000983

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000983-004	23-JUN-00	B107 (0-0.5)	SE	2.	ppm	MDK	10-AUG-00		6010
			SN	6.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	19.	ppm	MDK	10-AUG-00		6010
			ZN	7579.	ppm	MDK	10-AUG-00		6010
L000983-005	23-JUN-00	B117 (0-0.5)	AG	3.	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	236.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	9.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.	ppm	MDK	10-AUG-00		6010
			CR	15.*	ppm	MDK	10-AUG-00		6010
			CU	41.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	153.	ppm	MDK	10-AUG-00		6010
			MOIST.	11.	%	MJF	12-JUL-00		GRAV.
			NI	8.	ppm	MDK	10-AUG-00		6010
			PB	100.	ppm	MDK	10-AUG-00		6010
			SB	4.	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	22.	ppm	MDK	10-AUG-00		6010
			ZN	731.	ppm	MDK	10-AUG-00		6010
L000983-006	23-JUN-00	B117 (2-2.5)	AG	1.	ppm	MDK	10-AUG-00		6010
			AS	7.	ppm	MDK	10-AUG-00		6010
			BA	219.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	35.	ppm	MDK	10-AUG-00		6010
			CN-	0.11	ppm	DC	06-JUL-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	19.*	ppm	MDK	10-AUG-00		6010
			CU	46.	ppm	MDK	10-AUG-00		6010
			HG	0.19*	ppm	EH	12-JUL-00		7471
			MN	450.	ppm	MDK	10-AUG-00		6010
			MOIST.	17.	%	MJF	12-JUL-00		GRAV.

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000983

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000983-006	23-JUN-00	B117 (2-2.5)	NI	12.	ppm	MDK	10-AUG-00		6010
			PB	73.	ppm	MDK	10-AUG-00		6010
			SB	4.	ppm	MDK	10-AUG-00		6010
			SE	2.	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	24.	ppm	MDK	10-AUG-00		6010
			ZN	5054.	ppm	MDK	10-AUG-00		6010
L000983-007	23-JUN-00	B117 (5.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	5.	ppm	MDK	10-AUG-00		6010
			BA	473.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	6.	ppm	MDK	10-AUG-00		6010
			CR	19.*	ppm	MDK	10-AUG-00		6010
			CU	11.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	333.	ppm	MDK	10-AUG-00		6010
			MOIST.	19.	%	MJF	12-JUL-00		GRAV.
			NI	17.	ppm	MDK	10-AUG-00		6010
			PB	12.	ppm	MDK	10-AUG-00		6010
			SB	3.	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	44.	ppm	MDK	10-AUG-00		6010
			ZN	125.	ppm	MDK	10-AUG-00		6010
L000983-008	23-JUN-00	B117 (8.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	6.	ppm	MDK	10-AUG-00		6010
			BA	374.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	7.	ppm	MDK	10-AUG-00		6010
			CR	16.*	ppm	MDK	10-AUG-00		6010
			CU	8.	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000983

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000983-008	23-JUN-00	B117 (8.5)	HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	353.	ppm	MDK	10-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	10.	ppm	MDK	10-AUG-00		6010
			PB	10.	ppm	MDK	10-AUG-00		6010
			SB	3.	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	40.	ppm	MDK	10-AUG-00		6010
			ZN	57.	ppm	MDK	10-AUG-00		6010
L000983-009	23-JUN-00	B117 (11.5)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	8.	ppm	MDK	10-AUG-00		6010
			BA	273.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	9.	ppm	MDK	10-AUG-00		6010
			CR	18.*	ppm	MDK	10-AUG-00		6010
			CU	11.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	511.	ppm	MDK	10-AUG-00		6010
			MOIST.	19.	%	MJF	12-JUL-00		GRAV.
			NI	14.	ppm	MDK	10-AUG-00		6010
			PB	12.	ppm	MDK	10-AUG-00		6010
			SB	3.	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	39.	ppm	MDK	10-AUG-00		6010
			ZN	66.	ppm	MDK	10-AUG-00		6010
L000983-010	23-JUN-00	B117 (14-15)	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.	ppm	MDK	10-AUG-00		6010
			BA	292.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	<1.	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2

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L000983-010	23-JUN-00	B117 (14-15)	CO	6.	ppm	MDK	10-AUG-00		6010
			CR	9.*	ppm	MDK	10-AUG-00		6010
			CU	7.	ppm	MDK	10-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	334.	ppm	MDK	10-AUG-00		6010
			MOIST.	19.	%	MJF	12-JUL-00		GRAV.
			NI	7.	ppm	MDK	10-AUG-00		6010
			PB	9.	ppm	MDK	10-AUG-00		6010
			SB	3.	ppm	MDK	10-AUG-00		6010
			SE	<0.8	ppm	MDK	10-AUG-00		6010
			SN	<5.	ppm	MDK	10-AUG-00		6010
			TL	<1.	ppm	MDK	10-AUG-00		6010
			V	22.	ppm	MDK	10-AUG-00		6010
			ZN	37.	ppm	MDK	10-AUG-00		6010
L000983-011	23-JUN-00	DUPLICATE 26 (0-0.5)	AG	6.	ppm	MDK	10-AUG-00		6010
			AS	51.	ppm	MDK	10-AUG-00		6010
			BA	163.	ppm	MDK	10-AUG-00		6010
			BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	106.	ppm	MDK	10-AUG-00		6010
			CN-	0.14	ppm	DC	06-JUL-00		335.2
			CO	10.	ppm	MDK	10-AUG-00		6010
			CR	22.*	ppm	MDK	10-AUG-00		6010
			CU	372.	ppm	MDK	10-AUG-00		6010
			HG	0.54*	ppm	EH	13-JUL-00		7471
			MN	1100.	ppm	MDK	10-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	19.	ppm	MDK	10-AUG-00		6010
			PB	445.	ppm	MDK	10-AUG-00		6010
			SB	10.	ppm	MDK	10-AUG-00		6010
			SE	1.	ppm	MDK	10-AUG-00		6010
			SN	10.	ppm	MDK	10-AUG-00		6010
			TL	4.	ppm	MDK	10-AUG-00		6010
			V	18.	ppm	MDK	10-AUG-00		6010
			ZN	7541.	ppm	MDK	10-AUG-00		6010
L000983-012	23-JUN-00	DUPLICATE 27 (0-0.5)	AG	6.	ppm	MDK	10-AUG-00		6010
			AS	19.	ppm	MDK	10-AUG-00		6010
			BA	171.	ppm	MDK	10-AUG-00		6010

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L000983-012	23-JUN-00	DUPLICATE 27 (0-0.5)	BI	<4.	ppm	MDK	10-AUG-00		6010
			CD	109.	ppm	MDK	10-AUG-00		6010
			CN-	0.04	ppm	DC	06-JUL-00		335.2
			CO	8.	ppm	MDK	10-AUG-00		6010
			CR	12.*	ppm	MDK	10-AUG-00		6010
			CU	184.	ppm	MDK	10-AUG-00		6010
			HG	0.58*	ppm	EH	13-JUL-00		7471
			MN	764.	ppm	MDK	10-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	10.	ppm	MDK	10-AUG-00		6010
			PB	350.	ppm	MDK	10-AUG-00		6010
			SB	6.	ppm	MDK	10-AUG-00		6010
			SE	2.	ppm	MDK	10-AUG-00		6010
			SN	7.	ppm	MDK	10-AUG-00		6010
			TL	4.	ppm	MDK	10-AUG-00		6010
			V	16.	ppm	MDK	10-AUG-00		6010
			ZN	6467.	ppm	MDK	10-AUG-00		6010
L000983-013	23-JUN-00	DUPLICATE 28 (0-0.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	274.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.	ppm	MDK	11-AUG-00		6010
			CR	11.*	ppm	MDK	11-AUG-00		6010
			CU	8.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	302.	ppm	MDK	11-AUG-00		6010
			MOIST.	19.	%	MJF	12-JUL-00		GRAV.
			NI	7.	ppm	MDK	11-AUG-00		6010
			PB	11.	ppm	MDK	11-AUG-00		6010
			SB	3.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	2.	ppm	MDK	11-AUG-00		6010
			V	25.	ppm	MDK	11-AUG-00		6010
			ZN	95.	ppm	MDK	11-AUG-00		6010

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L000983-014	23-JUN-00	B95 (0-0.5)	AG	1.	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	88.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	22.	ppm	MDK	11-AUG-00		6010
			CN-	0.06	ppm	DC	06-JUL-00		335.2
			CO	8.	ppm	MDK	11-AUG-00		6010
			CR	12.*	ppm	MDK	11-AUG-00		6010
			CU	30.	ppm	MDK	11-AUG-00		6010
			HG	0.07*	ppm	EH	12-JUL-00		7471
			MN	310.	ppm	MDK	11-AUG-00		6010
			MOIST.	21.	%	MJF	12-JUL-00		GRAV.
			NI	25.	ppm	MDK	11-AUG-00		6010
			PB	61.	ppm	MDK	11-AUG-00		6010
			SB	4.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010
			V	9.	ppm	MDK	11-AUG-00		6010
			ZN	722.	ppm	MDK	11-AUG-00		6010
L000983-015	26-JUN-00	B34 (0-0.5)	AG	2.	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	249.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	426.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	28.	ppm	MDK	11-AUG-00		6010
			CR	77.*	ppm	MDK	11-AUG-00		6010
			CU	490.	ppm	MDK	11-AUG-00		6010
			HG	0.13*	ppm	EH	12-JUL-00		7471
			MN	1490.	ppm	MDK	11-AUG-00		6010
			MOIST.	6.9	%	MJF	12-JUL-00		GRAV.
			NI	40.	ppm	MDK	11-AUG-00		6010
			PB	16.	ppm	MDK	11-AUG-00		6010
			SB	3.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010

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L000983-015	26-JUN-00	B34 (0-0.5)	V	13.	ppm	MDK	11-AUG-00		6010
			ZN	16750.	ppm	MDK	16-SEP-00		6010
L000983-016	26-JUN-00	B76 (0-0.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	215.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	23.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	32.*	ppm	MDK	11-AUG-00		6010
			CU	30.	ppm	MDK	11-AUG-00		6010
			HG	0.09*	ppm	EH	12-JUL-00		7471
			MN	466.	ppm	MDK	11-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	18.	ppm	MDK	11-AUG-00		6010
			PB	27.	ppm	MDK	11-AUG-00		6010
			SB	4.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	21.	ppm	MDK	11-AUG-00		6010
			ZN	1040.	ppm	MDK	11-AUG-00		6010
L000983-017	26-JUN-00	B75 (0-0.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	56.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	2.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.	ppm	MDK	11-AUG-00		6010
			CR	10.*	ppm	MDK	11-AUG-00		6010
			CU	6.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	159.	ppm	MDK	11-AUG-00		6010
			MOIST.	14.	%	MJF	12-JUL-00		GRAV.
			NI	6.	ppm	MDK	11-AUG-00		6010
			PB	6.	ppm	MDK	11-AUG-00		6010
			SB	3.	ppm	MDK	11-AUG-00		6010

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L000983-017	26-JUN-00	B75 (0-0.5)	SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	2.	ppm	MDK	11-AUG-00		6010
			V	16.	ppm	MDK	11-AUG-00		6010
			ZN	83.	ppm	MDK	11-AUG-00		6010
L000983-018	26-JUN-00	DUPLICATE 29 (0-0.5)	AG	3.	ppm	MDK	11-AUG-00		6010
			AS	19.	ppm	MDK	11-AUG-00		6010
			BA	441.	ppm	MDK	11-AUG-00		6010
			BI	7.	ppm	MDK	11-AUG-00		6010
			CD	263.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	14.	ppm	MDK	11-AUG-00		6010
			CR	15.*	ppm	MDK	11-AUG-00		6010
			CU	77.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	1934.	ppm	MDK	11-AUG-00		6010
			MOIST.	17.	%	MJF	12-JUL-00		GRAV.
			NI	13.	ppm	MDK	11-AUG-00		6010
			PB	201.	ppm	MDK	11-AUG-00		6010
			SB	6.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	18.	ppm	MDK	11-AUG-00		6010
			ZN	47720.	ppm	MDK	16-SEP-00		6010
L000983-019	26-JUN-00	DUPLICATE 30 (2-2.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	701.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	3.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	12.*	ppm	MDK	11-AUG-00		6010
			CU	7.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	573.	ppm	MDK	11-AUG-00		6010
			MOIST.	13.	%	MJF	12-JUL-00		GRAV.

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L000983-019	26-JUN-00	DUPLICATE 30 (2-2.5)	NI	9.	ppm	MDK	11-AUG-00		6010
			PB	9.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	31.	ppm	MDK	11-AUG-00		6010
			ZN	581.	ppm	MDK	11-AUG-00		6010
L000983-020	26-JUN-00	B33 (0-0.5)	AG	1.	ppm	MDK	11-AUG-00		6010
			AS	6.	ppm	MDK	11-AUG-00		6010
			BA	228.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	166.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	22.	ppm	MDK	11-AUG-00		6010
			CR	19.*	ppm	MDK	11-AUG-00		6010
			CU	10.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	1440.	ppm	MDK	11-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	16.	ppm	MDK	11-AUG-00		6010
			PB	22.	ppm	MDK	11-AUG-00		6010
			SB	2.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	25.	ppm	MDK	11-AUG-00		6010
			ZN	18820.	ppm	MDK	11-AUG-00		6010
L000983-021	26-JUN-00	B115 (0-0.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	147.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	2.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	15.*	ppm	MDK	11-AUG-00		6010
			CU	7.	ppm	MDK	11-AUG-00		6010

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L000983-021	26-JUN-00	B115 (0-0.5)	HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	273.	ppm	MDK	11-AUG-00		6010
			MOIST.	15.	%	MJF	12-JUL-00		GRAV.
			NI	9.	ppm	MDK	11-AUG-00		6010
			PB	9.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010
			V	21.	ppm	MDK	11-AUG-00		6010
			ZN	358.	ppm	MDK	11-AUG-00		6010
L000983-022	26-JUN-00	B115 (2-2.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	314.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	12.*	ppm	MDK	11-AUG-00		6010
			CU	7.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	277.	ppm	MDK	11-AUG-00		6010
			MOIST.	18.	%	MJF	12-JUL-00		GRAV.
			NI	9.	ppm	MDK	11-AUG-00		6010
			PB	9.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010
			V	26.	ppm	MDK	11-AUG-00		6010
			ZN	85.	ppm	MDK	11-AUG-00		6010
L000983-023	26-JUN-00	B115 (5.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	5.	ppm	MDK	11-AUG-00		6010
			BA	360.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2

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L000983-023	26-JUN-00	B115 (5.5)	CO	6.	ppm	MDK	11-AUG-00		6010
			CR	14.*	ppm	MDK	11-AUG-00		6010
			CU	7.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	294.	ppm	MDK	11-AUG-00		6010
			MOIST.	17.	%	MJF	12-JUL-00		GRAV.
			NI	9.	ppm	MDK	11-AUG-00		6010
			PB	8.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010
			V	41.	ppm	MDK	11-AUG-00		6010
			ZN	57.	ppm	MDK	11-AUG-00		6010
L000983-024	26-JUN-00	B115 (8.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	200.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	7.	ppm	MDK	11-AUG-00		6010
			CR	16.*	ppm	MDK	11-AUG-00		6010
			CU	8.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	361.	ppm	MDK	11-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	13.	ppm	MDK	11-AUG-00		6010
			PB	9.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	35.	ppm	MDK	11-AUG-00		6010
			ZN	53.	ppm	MDK	11-AUG-00		6010
L000983-025	26-JUN-00	B115 (11.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	274.	ppm	MDK	11-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000983-025	26-JUN-00	B115 (11.5)	BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.	ppm	MDK	11-AUG-00		6010
			CR	8.*	ppm	MDK	11-AUG-00		6010
			CU	6.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	261.	ppm	MDK	11-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	6.	ppm	MDK	11-AUG-00		6010
			PB	6.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	20.	ppm	MDK	11-AUG-00		6010
			ZN	32.	ppm	MDK	11-AUG-00		6010
L000983-026	26-JUN-00	B115 (14-14.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	201.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.	ppm	MDK	11-AUG-00		6010
			CR	5.*	ppm	MDK	11-AUG-00		6010
			CU	<5.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	327.	ppm	MDK	11-AUG-00		6010
			MOIST.	17.	%	MJF	12-JUL-00		GRAV.
			NI	6.	ppm	MDK	11-AUG-00		6010
			PB	6.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	14.	ppm	MDK	11-AUG-00		6010
			ZN	29.	ppm	MDK	11-AUG-00		6010

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L000983-027	27-JUN-00	B93 (0-0.5)	AG	3.	ppm	MDK	11-AUG-00		6010
			AS	6.	ppm	MDK	11-AUG-00		6010
			BA	154.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	105.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	9.	ppm	MDK	11-AUG-00		6010
			CR	23.*	ppm	MDK	11-AUG-00		6010
			CU	78.	ppm	MDK	11-AUG-00		6010
			HG	10.*	ppm	EH	13-JUL-00		7471
			MN	343.	ppm	MDK	11-AUG-00		6010
			MOIST.	16.	%	MJF	12-JUL-00		GRAV.
			NI	22.	ppm	MDK	11-AUG-00		6010
			PB	168.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	18.	ppm	MDK	11-AUG-00		6010
			SN	5.	ppm	MDK	11-AUG-00		6010
			TL	2.	ppm	MDK	11-AUG-00		6010
			V	16.	ppm	MDK	11-AUG-00		6010
			ZN	1430.	ppm	MDK	11-AUG-00		6010
L000983-028	27-JUN-00	B94 (0-0.5)	AG	4.	ppm	MDK	11-AUG-00		6010
			AS	6.	ppm	MDK	11-AUG-00		6010
			BA	86.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	53.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	24.*	ppm	MDK	11-AUG-00		6010
			CU	69.	ppm	MDK	11-AUG-00		6010
			HG	0.40*	ppm	EH	13-JUL-00		7471
			MN	147.	ppm	MDK	11-AUG-00		6010
			MOIST.	12.	%	MJF	12-JUL-00		GRAV.
			NI	12.	ppm	MDK	11-AUG-00		6010
			PB	192.	ppm	MDK	11-AUG-00		6010
			SB	1.	ppm	MDK	11-AUG-00		6010
			SE	1.	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010

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L000983-028	27-JUN-00	B94 (0-0.5)	V	10.	ppm	MDK	11-AUG-00		6010
			ZN	3712.	ppm	MDK	11-AUG-00		6010
L000983-029	27-JUN-00	B116 (0-0.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	140.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	6.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	18.*	ppm	MDK	11-AUG-00		6010
			CU	8.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	229.	ppm	MDK	11-AUG-00		6010
			MOIST.	12.	%	MJF	12-JUL-00		GRAV.
			NI	11.	ppm	MDK	11-AUG-00		6010
			PB	12.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	17.	ppm	MDK	11-AUG-00		6010
			ZN	178.	ppm	MDK	11-AUG-00		6010
L000983-030	27-JUN-00	B116 (2-2.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	278.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	<5.	ppm	MDK	11-AUG-00		6010
			CR	9.*	ppm	MDK	11-AUG-00		6010
			CU	6.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	237.	ppm	MDK	11-AUG-00		6010
			MOIST.	15.	%	MJF	12-JUL-00		GRAV.
			NI	7.	ppm	MDK	11-AUG-00		6010
			PB	7.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010

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L000983-030	27-JUN-00	B116 (2-2.5)	SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	3.	ppm	MDK	11-AUG-00		6010
			V	18.	ppm	MDK	11-AUG-00		6010
			ZN	32.	ppm	MDK	11-AUG-00		6010
L000983-031	27-JUN-00	B116 (5.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	6.	ppm	MDK	11-AUG-00		6010
			BA	435.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	5.	ppm	MDK	11-AUG-00		6010
			CR	13.*	ppm	MDK	11-AUG-00		6010
			CU	9.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	289.	ppm	MDK	11-AUG-00		6010
			MOIST.	17.	%	MJF	13-JUL-00		GRAV.
			NI	9.	ppm	MDK	11-AUG-00		6010
			PB	8.	ppm	MDK	11-AUG-00		6010
			SB	1.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	8.	ppm	MDK	11-AUG-00		6010
			V	47.	ppm	MDK	11-AUG-00		6010
			ZN	41.	ppm	MDK	11-AUG-00		6010
L000983-032	27-JUN-00	B116 (8.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	301.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	8.	ppm	MDK	11-AUG-00		6010
			CR	17.*	ppm	MDK	11-AUG-00		6010
			CU	8.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	366.	ppm	MDK	11-AUG-00		6010
			MOIST.	19.	%	MJF	13-JUL-00		GRAV.

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L000983-032	27-JUN-00	B116 (8.5)	NI	12.	ppm	MDK	11-AUG-00		6010
			PB	9.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	3.	ppm	MDK	11-AUG-00		6010
			V	39.	ppm	MDK	11-AUG-00		6010
			ZN	55.	ppm	MDK	11-AUG-00		6010
L000983-033	27-JUN-00	B116 (11.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	8.	ppm	MDK	11-AUG-00		6010
			BA	320.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	10.	ppm	MDK	11-AUG-00		6010
			CR	19.*	ppm	MDK	11-AUG-00		6010
			CU	11.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	520.	ppm	MDK	11-AUG-00		6010
			MOIST.	22.	%	MJF	13-JUL-00		GRAV.
			NI	14.	ppm	MDK	11-AUG-00		6010
			PB	12.	ppm	MDK	11-AUG-00		6010
			SB	1.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	3.	ppm	MDK	11-AUG-00		6010
			V	41.	ppm	MDK	11-AUG-00		6010
			ZN	67.	ppm	MDK	11-AUG-00		6010
L000983-034	27-JUN-00	B116 (14.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	10.	ppm	MDK	11-AUG-00		6010
			BA	698.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	8.	ppm	MDK	11-AUG-00		6010
			CR	11.*	ppm	MDK	11-AUG-00		6010
			CU	8.	ppm	MDK	11-AUG-00		6010

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000983-034	27-JUN-00	B116 (14.5)	HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	792.	ppm	MDK	11-AUG-00		6010
			MOIST.	19.	%	MJF	13-JUL-00		GRAV.
			NI	10.	ppm	MDK	11-AUG-00		6010
			PB	9.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	2.	ppm	MDK	11-AUG-00		6010
			V	25.	ppm	MDK	11-AUG-00		6010
			ZN	40.	ppm	MDK	11-AUG-00		6010
L000983-035	27-JUN-00	B116 (16.5-17)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	169.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	<5.	ppm	MDK	11-AUG-00		6010
			CR	8.*	ppm	MDK	11-AUG-00		6010
			CU	<5.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	183.	ppm	MDK	11-AUG-00		6010
			MOIST.	15.	%	MJF	13-JUL-00		GRAV.
			NI	6.	ppm	MDK	11-AUG-00		6010
			PB	5.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010
			V	15.	ppm	MDK	11-AUG-00		6010
			ZN	22.	ppm	MDK	11-AUG-00		6010
L000983-036	27-JUN-00	B112 (0-0.5)	AG	2.	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	100.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	4.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L000983-036	27-JUN-00	B112 (0-0.5)	CO	5.	ppm	MDK	11-AUG-00		6010
			CR	81.*	ppm	MDK	11-AUG-00		6010
			CU	15.	ppm	MDK	11-AUG-00		6010
			HG	0.16*	ppm	EH	12-JUL-00		7471
			MN	190.	ppm	MDK	11-AUG-00		6010
			MOIST.	2.7	%	MJF	13-JUL-00		GRAV.
			NI	36.	ppm	MDK	11-AUG-00		6010
			PB	35.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	8.	ppm	MDK	11-AUG-00		6010
			ZN	584.	ppm	MDK	11-AUG-00		6010
L000983-037	27-JUN-00	B112 (2-2.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	449.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	17.*	ppm	MDK	11-AUG-00		6010
			CU	11.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	367.	ppm	MDK	11-AUG-00		6010
			MOIST.	17.	%	MJF	13-JUL-00		GRAV.
			NI	12.	ppm	MDK	11-AUG-00		6010
			PB	9.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010
			V	36.	ppm	MDK	11-AUG-00		6010
			ZN	55.	ppm	MDK	11-AUG-00		6010
L000983-038	27-JUN-00	B112 (5.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	384.	ppm	MDK	11-AUG-00		6010

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L000983-038	27-JUN-00	B112 (5.5)	BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	12.*	ppm	MDK	11-AUG-00		6010
			CU	9.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	321.	ppm	MDK	11-AUG-00		6010
			MOIST.	20.	%	MJF	13-JUL-00		GRAV.
			NI	9.	ppm	MDK	11-AUG-00		6010
			PB	10.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	2.	ppm	MDK	11-AUG-00		6010
			V	34.	ppm	MDK	11-AUG-00		6010
			ZN	71.	ppm	MDK	11-AUG-00		6010
L000983-039	27-JUN-00	B112 (8.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	311.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	12.*	ppm	MDK	11-AUG-00		6010
			CU	9.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	341.	ppm	MDK	11-AUG-00		6010
			MOIST.	20.	%	MJF	13-JUL-00		GRAV.
			NI	9.	ppm	MDK	11-AUG-00		6010
			PB	15.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010
			V	27.	ppm	MDK	11-AUG-00		6010
			ZN	116.	ppm	MDK	11-AUG-00		6010

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L000983-040	27-JUN-00	B112 (11.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	7.	ppm	MDK	11-AUG-00		6010
			BA	298.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	8.	ppm	MDK	11-AUG-00		6010
			CR	14.*	ppm	MDK	11-AUG-00		6010
			CU	10.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	420.	ppm	MDK	11-AUG-00		6010
			MOIST.	19.	%	MJF	13-JUL-00		GRAV.
			NI	12.	ppm	MDK	11-AUG-00		6010
			PB	11.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	1.	ppm	MDK	11-AUG-00		6010
			V	32.	ppm	MDK	11-AUG-00		6010
			ZN	58.	ppm	MDK	11-AUG-00		6010
L000983-041	27-JUN-00	B112 (14.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	8.	ppm	MDK	11-AUG-00		6010
			BA	569.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	9.	ppm	MDK	11-AUG-00		6010
			CR	15.*	ppm	MDK	11-AUG-00		6010
			CU	12.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	751.	ppm	MDK	11-AUG-00		6010
			MOIST.	22.	%	MJF	13-JUL-00		GRAV.
			NI	14.	ppm	MDK	11-AUG-00		6010
			PB	13.	ppm	MDK	11-AUG-00		6010
			SB	1.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010

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L000983-041	27-JUN-00	B112 (14.5)	V	33.	ppm	MDK	11-AUG-00		6010
			ZN	75.	ppm	MDK	11-AUG-00		6010
L000983-042	27-JUN-00	B112 (17.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	7.	ppm	MDK	11-AUG-00		6010
			BA	314.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	7.	ppm	MDK	11-AUG-00		6010
			CR	15.*	ppm	MDK	11-AUG-00		6010
			CU	10.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	424.	ppm	MDK	11-AUG-00		6010
			MOIST.	20.	%	MJF	13-JUL-00		GRAV.
			NI	13.	ppm	MDK	11-AUG-00		6010
			PB	11.	ppm	MDK	11-AUG-00		6010
			SB	1.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	29.	ppm	MDK	11-AUG-00		6010
			ZN	57.	ppm	MDK	11-AUG-00		6010
L000983-043	27-JUN-00	B112 (18.5-19)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	111.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	8.	ppm	MDK	11-AUG-00		6010
			CR	24.*	ppm	MDK	11-AUG-00		6010
			CU	<5.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	171.	ppm	MDK	11-AUG-00		6010
			MOIST.	14.	%	MJF	13-JUL-00		GRAV.
			NI	15.	ppm	MDK	11-AUG-00		6010
			PB	<5.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010

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L000983-043	27-JUN-00	B112 (18.5-19)	SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	6.	ppm	MDK	11-AUG-00		6010
			ZN	15.	ppm	MDK	11-AUG-00		6010
L000983-044	27-JUN-00	B68 (0-0.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	134.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	129.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	11.	ppm	MDK	11-AUG-00		6010
			CR	13.*	ppm	MDK	11-AUG-00		6010
			CU	25.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	1528.	ppm	MDK	11-AUG-00		6010
			MOIST.	22.	%	MJF	13-JUL-00		GRAV.
			NI	20.	ppm	MDK	11-AUG-00		6010
			PB	9.	ppm	MDK	11-AUG-00		6010
			SB	2.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	<1.	ppm	MDK	11-AUG-00		6010
			V	18.	ppm	MDK	11-AUG-00		6010
			ZN	40160.	ppm	MDK	16-SEP-00		6010
L000983-045	27-JUN-00	DUPLICATE 31 (8.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	281.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	8.	ppm	MDK	11-AUG-00		6010
			CR	15.*	ppm	MDK	11-AUG-00		6010
			CU	9.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	374.	ppm	MDK	11-AUG-00		6010
			MOIST.	19.	%	MJF	13-JUL-00		GRAV.

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L000983-045	27-JUN-00	DUPLICATE 31 (8.5)	NI	11.	ppm	MDK	11-AUG-00		6010
			PB	10.	ppm	MDK	11-AUG-00		6010
			SB	2.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	2.	ppm	MDK	11-AUG-00		6010
			V	34.	ppm	MDK	11-AUG-00		6010
			ZN	309.	ppm	MDK	11-AUG-00		6010
L000983-046	27-JUN-00	DUPLICATE 32 (11.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	7.	ppm	MDK	11-AUG-00		6010
			BA	288.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	8.	ppm	MDK	11-AUG-00		6010
			CR	18.*	ppm	MDK	11-AUG-00		6010
			CU	10.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	410.	ppm	MDK	11-AUG-00		6010
			MOIST.	25.	%	MJF	13-JUL-00		GRAV.
			NI	13.	ppm	MDK	11-AUG-00		6010
			PB	11.	ppm	MDK	11-AUG-00		6010
			SB	2.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	7.	ppm	MDK	11-AUG-00		6010
			V	36.	ppm	MDK	11-AUG-00		6010
			ZN	111.	ppm	MDK	11-AUG-00		6010
L000983-047	27-JUN-00	DUPLICATE 33 (5.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	370.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	7.	ppm	MDK	11-AUG-00		6010
			CR	18.*	ppm	MDK	11-AUG-00		6010
			CU	9.	ppm	MDK	11-AUG-00		6010

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L000983-047	27-JUN-00	DUPLICATE 33 (5.5)	HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	373.	ppm	MDK	11-AUG-00		6010
			MOIST.	19.	%	MJF	13-JUL-00		GRAV.
			NI	11.	ppm	MDK	11-AUG-00		6010
			PB	11.	ppm	MDK	11-AUG-00		6010
			SB	1.	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	3.	ppm	MDK	11-AUG-00		6010
			V	47.	ppm	MDK	11-AUG-00		6010
			ZN	118.	ppm	MDK	11-AUG-00		6010
L000983-048	27-JUN-00	B78 (0-0.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	122.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	6.	ppm	MDK	11-AUG-00		6010
			CR	13.*	ppm	MDK	11-AUG-00		6010
			CU	7.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	198.	ppm	MDK	11-AUG-00		6010
			MOIST.	18.	%	MJF	13-JUL-00		GRAV.
			NI	8.	ppm	MDK	11-AUG-00		6010
			PB	19.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	2.	ppm	MDK	11-AUG-00		6010
			V	14.	ppm	MDK	11-AUG-00		6010
			ZN	155.	ppm	MDK	11-AUG-00		6010
L000983-049	27-JUN-00	B77 (0-0.5)	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.	ppm	MDK	11-AUG-00		6010
			BA	67.	ppm	MDK	11-AUG-00		6010
			BI	<4.	ppm	MDK	11-AUG-00		6010
			CD	<1.	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2

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L000983-049	27-JUN-00	B77 (0-0.5)	CO	<5.	ppm	MDK	11-AUG-00		6010
			CR	9.*	ppm	MDK	11-AUG-00		6010
			CU	6.	ppm	MDK	11-AUG-00		6010
			HG	<0.05*	ppm	EH	12-JUL-00		7471
			MN	171.	ppm	MDK	11-AUG-00		6010
			MOIST.	14.	%	MJF	13-JUL-00		GRAV.
			NI	6.	ppm	MDK	11-AUG-00		6010
			PB	16.	ppm	MDK	11-AUG-00		6010
			SB	<0.8	ppm	MDK	11-AUG-00		6010
			SE	<0.8	ppm	MDK	11-AUG-00		6010
			SN	<5.	ppm	MDK	11-AUG-00		6010
			TL	3.	ppm	MDK	11-AUG-00		6010
			V	13.	ppm	MDK	11-AUG-00		6010
			ZN	121.	ppm	MDK	11-AUG-00		6010

(*) Quality control data indicates a possible bias. See QC report for details.

AKH for VPK
Approved

Reviewer

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Batch No: WG000545

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000545-1		Matrix Spike	AG	100	%Recovery	MDK	10-AUG-00		6010
			AS	90	%Recovery	MDK	10-AUG-00		6010
			BA	93	%Recovery	MDK	10-AUG-00		6010
			BI	95	%Recovery	MDK	10-AUG-00		6010
			CD	89	%Recovery	MDK	10-AUG-00		6010
			CN-	92	%Recovery	DC	06-JUL-00		335.2
			CO	93	%Recovery	MDK	10-AUG-00		6010
			CR	98	%Recovery	MDK	10-AUG-00		6010
			CU	110	%Recovery	MDK	10-AUG-00		6010
			HG	83	%Recovery	EH	12-JUL-00		7471
			MN	89	%Recovery	MDK	10-AUG-00		6010
			NI	91	%Recovery	MDK	10-AUG-00		6010
			PB	90	%Recovery	MDK	10-AUG-00		6010
			SB	63*	%Recovery	MDK	10-AUG-00		6010
			SE	76	%Recovery	MDK	10-AUG-00		6010
			SN	91	%Recovery	MDK	10-AUG-00		6010
			TL	82	%Recovery	MDK	10-AUG-00		6010
			V	96	%Recovery	MDK	10-AUG-00		6010
			ZN	88	%Recovery	MDK	10-AUG-00		6010
WG000545-2		Prep Blank	AG	<0.5	ppm	MDK	10-AUG-00		6010
			AS	<5.0	ppm	MDK	10-AUG-00		6010
			BA	<5.0	ppm	MDK	10-AUG-00		6010
			BI	<4.0	ppm	MDK	10-AUG-00		6010
			CD	<1.0	ppm	MDK	10-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.0	ppm	MDK	10-AUG-00		6010
			CR	<5.0	ppm	MDK	10-AUG-00		6010
			CU	<5.0	ppm	MDK	10-AUG-00		6010
			HG	<0.05	ppm	EH	12-JUL-00		7471
			MN	<5.0	ppm	MDK	10-AUG-00		6010
			NI	<5.0	ppm	MDK	10-AUG-00		6010
			PB	<5.0	ppm	MDK	10-AUG-00		6010
			SB	<0.80	ppm	MDK	10-AUG-00		6010
			SE	<0.80	ppm	MDK	10-AUG-00		6010
			SN	<5.0	ppm	MDK	10-AUG-00		6010
			TL	<1.0	ppm	MDK	10-AUG-00		6010
			V	<5.0	ppm	MDK	10-AUG-00		6010
			ZN	<5.0	ppm	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000545

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000545-3		Lab Control Sample	AG	99	%Recovery	MDK	10-AUG-00		6010
			AS	95	%Recovery	MDK	10-AUG-00		6010
			BA	100	%Recovery	MDK	10-AUG-00		6010
			BI	94	%Recovery	MDK	10-AUG-00		6010
			CD	97	%Recovery	MDK	10-AUG-00		6010
			CN-	88	%Recovery	DC	06-JUL-00		335.2
			CO	100	%Recovery	MDK	10-AUG-00		6010
			CR	102	%Recovery	MDK	10-AUG-00		6010
			CU	106	%Recovery	MDK	10-AUG-00		6010
			HG	101	%Recovery	EH	12-JUL-00		7471
			MN	107	%Recovery	MDK	10-AUG-00		6010
			NI	98	%Recovery	MDK	10-AUG-00		6010
			PB	96	%Recovery	MDK	10-AUG-00		6010
			SB	156**	%Recovery	MDK	10-AUG-00		6010
			SE	83	%Recovery	MDK	10-AUG-00		6010
			SN	109	%Recovery	MDK	10-AUG-00		6010
			TL	95	%Recovery	MDK	10-AUG-00		6010
			V	103	%Recovery	MDK	10-AUG-00		6010
			ZN	97	%Recovery	MDK	10-AUG-00		6010
WG000545-4		Duplicate	MOIST.	1.1	% RPD	MJF	12-JUL-00		GRAV.
WG000545-5		Matrix Spike Duplicate	AG	2	% RPD	MDK	10-AUG-00		6010
			AS	1.4	% RPD	MDK	10-AUG-00		6010
			BA	2.1	% RPD	MDK	10-AUG-00		6010
			BI	2.4	% RPD	MDK	10-AUG-00		6010
			CD	1.1	% RPD	MDK	10-AUG-00		6010
			CN-	4.4	% RPD	DC	06-JUL-00		335.2
			CO	<1	% RPD	MDK	10-AUG-00		6010
			CR	1.5	% RPD	MDK	10-AUG-00		6010
			CU	3.5	% RPD	MDK	10-AUG-00		6010
			HG	6	% RPD	EH	12-JUL-00		7471
			MN	3	% RPD	MDK	10-AUG-00		6010
			NI	1	% RPD	MDK	10-AUG-00		6010
			PB	<1	% RPD	MDK	10-AUG-00		6010
			SB	3.1	% RPD	MDK	10-AUG-00		6010
			SE	1.4	% RPD	MDK	10-AUG-00		6010
			SN	1.4	% RPD	MDK	10-AUG-00		6010
			TL	<1	% RPD	MDK	10-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000545

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000545-5		Matrix Spike Duplicate	V	4.2	% RPD	MDK	10-AUG-00		6010
			ZN	4.4	% RPD	MDK	10-AUG-00		6010
WG000545-6		Matrix Spike	AG	103	%Recovery	MDK	11-AUG-00		6010
			AS	93	%Recovery	MDK	11-AUG-00		6010
			BA	96	%Recovery	MDK	11-AUG-00		6010
			BI	96	%Recovery	MDK	11-AUG-00		6010
			CD	92	%Recovery	MDK	11-AUG-00		6010
			CN-	92	%Recovery	DC	06-JUL-00		335.2
			CO	95	%Recovery	MDK	11-AUG-00		6010
			CR	128*	%Recovery	MDK	11-AUG-00		6010
			CU	116	%Recovery	MDK	11-AUG-00		6010
			HG	129*	%Recovery	EH	12-JUL-00		7471
			MN	96	%Recovery	MDK	11-AUG-00		6010
			NI	99	%Recovery	MDK	11-AUG-00		6010
			PB	93	%Recovery	MDK	11-AUG-00		6010
			SB	66*	%Recovery	MDK	11-AUG-00		6010
			SE	79	%Recovery	MDK	11-AUG-00		6010
			SN	94	%Recovery	MDK	11-AUG-00		6010
			TL	84	%Recovery	MDK	11-AUG-00		6010
			V	102	%Recovery	MDK	11-AUG-00		6010
			ZN	98	%Recovery	MDK	11-AUG-00		6010
WG000545-7		Prep Blank	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.0	ppm	MDK	11-AUG-00		6010
			BA	<5.0	ppm	MDK	11-AUG-00		6010
			BI	<4.0	ppm	MDK	11-AUG-00		6010
			CD	<1.0	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	06-JUL-00		335.2
			CO	<5.0	ppm	MDK	11-AUG-00		6010
			CR	<5.0	ppm	MDK	11-AUG-00		6010
			CU	<5.0	ppm	MDK	11-AUG-00		6010
			HG	<0.05	ppm	EH	12-JUL-00		7471
			MN	<5.0	ppm	MDK	11-AUG-00		6010
			NI	<5.0	ppm	MDK	11-AUG-00		6010
			PB	<5.0	ppm	MDK	11-AUG-00		6010
			SB	<0.80	ppm	MDK	11-AUG-00		6010
			SE	<0.80	ppm	MDK	11-AUG-00		6010
			SN	<5.0	ppm	MDK	11-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000545

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000545-7		Prep Blank	TL	1.9	ppm	MDK	11-AUG-00		6010
			V	<5.0	ppm	MDK	11-AUG-00		6010
			ZN	<5.0	ppm	MDK	11-AUG-00		6010
WG000545-8		Lab Control Sample	AG	102	%Recovery	MDK	11-AUG-00		6010
			AS	99	%Recovery	MDK	11-AUG-00		6010
			BA	101	%Recovery	MDK	11-AUG-00		6010
			BI	93	%Recovery	MDK	11-AUG-00		6010
			CD	99	%Recovery	MDK	11-AUG-00		6010
			CN-	90	%Recovery	DC	06-JUL-00		335.2
			CO	102	%Recovery	MDK	11-AUG-00		6010
			CR	104	%Recovery	MDK	11-AUG-00		6010
			CU	112	%Recovery	MDK	11-AUG-00		6010
			HG	117	%Recovery	EH	12-JUL-00		7471
			MN	106	%Recovery	MDK	11-AUG-00		6010
			NI	102	%Recovery	MDK	11-AUG-00		6010
			PB	96	%Recovery	MDK	11-AUG-00		6010
			SB	150**	%Recovery	MDK	11-AUG-00		6010
			SE	86	%Recovery	MDK	11-AUG-00		6010
			SN	112	%Recovery	MDK	11-AUG-00		6010
			TL	100	%Recovery	MDK	11-AUG-00		6010
			V	104	%Recovery	MDK	11-AUG-00		6010
			ZN	98	%Recovery	MDK	11-AUG-00		6010
WG000545-9		Duplicate	MOIST.	<1	% RPD	MJF	12-JUL-00		GRAV.
WG000545-10		Matrix Spike Duplicate	AG	<1	% RPD	MDK	11-AUG-00		6010
			AS	2.4	% RPD	MDK	11-AUG-00		6010
			BA	2.5	% RPD	MDK	11-AUG-00		6010
			BI	3.1	% RPD	MDK	11-AUG-00		6010
			CD	2.1	% RPD	MDK	11-AUG-00		6010
			CN-	<1	% RPD	DC	08-JUL-00		335.2
			CO	2	% RPD	MDK	11-AUG-00		6010
			CR	1.2	% RPD	MDK	11-AUG-00		6010
			CU	1.5	% RPD	MDK	11-AUG-00		6010
			HG	18	% RPD	EH	12-JUL-00		7471
			MN	3.4	% RPD	MDK	11-AUG-00		6010
			NI	1.3	% RPD	MDK	11-AUG-00		6010
			PB	2.5	% RPD	MDK	11-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000545

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000545-10		Matrix Spike Duplicate	SB	4.4	% RPD	MDK	11-AUG-00		6010
			SE	2.3	% RPD	MDK	11-AUG-00		6010
			SN	3.2	% RPD	MDK	11-AUG-00		6010
			TL	4.9	% RPD	MDK	11-AUG-00		6010
			V	1.3	% RPD	MDK	11-AUG-00		6010
			ZN	1.2	% RPD	MDK	11-AUG-00		6010
WG000545-11		Matrix Spike	AG	102	%Recovery	MDK	11-AUG-00		6010
			AS	92	%Recovery	MDK	11-AUG-00		6010
			BA	94	%Recovery	MDK	11-AUG-00		6010
			BI	96	%Recovery	MDK	11-AUG-00		6010
			CD	92	%Recovery	MDK	11-AUG-00		6010
			CN-	96	%Recovery	DC	08-JUL-00		335.2
			CO	93	%Recovery	MDK	11-AUG-00		6010
			CR	99	%Recovery	MDK	11-AUG-00		6010
			CU	115	%Recovery	MDK	11-AUG-00		6010
			HG	107	%Recovery	EH	12-JUL-00		7471
			MN	99	%Recovery	MDK	11-AUG-00		6010
			NI	93	%Recovery	MDK	11-AUG-00		6010
			PB	93	%Recovery	MDK	11-AUG-00		6010
			SB	65*	%Recovery	MDK	11-AUG-00		6010
			SE	78	%Recovery	MDK	11-AUG-00		6010
			SN	94	%Recovery	MDK	11-AUG-00		6010
			TL	82	%Recovery	MDK	11-AUG-00		6010
			V	98	%Recovery	MDK	11-AUG-00		6010
			ZN	105	%Recovery	MDK	11-AUG-00		6010
WG000545-12		Prep Blank	AG	<0.5	ppm	MDK	11-AUG-00		6010
			AS	<5.0	ppm	MDK	11-AUG-00		6010
			BA	<5.0	ppm	MDK	11-AUG-00		6010
			BI	<4.0	ppm	MDK	11-AUG-00		6010
			CD	<1.0	ppm	MDK	11-AUG-00		6010
			CN-	<0.04	ppm	DC	08-JUL-00		335.2
			CO	<5.0	ppm	MDK	11-AUG-00		6010
			CR	<5.0	ppm	MDK	11-AUG-00		6010
			CU	<5.0	ppm	MDK	11-AUG-00		6010
			HG	<0.05	ppm	EH	12-JUL-00		7471
			MN	<5.0	ppm	MDK	11-AUG-00		6010
			NI	<5.0	ppm	MDK	11-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000545

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000545-12		Prep Blank	PB	<5.0	ppm	MDK	11-AUG-00		6010
			SB	<0.80	ppm	MDK	11-AUG-00		6010
			SE	<0.80	ppm	MDK	11-AUG-00		6010
			SN	<5.0	ppm	MDK	11-AUG-00		6010
			TL	1.8	ppm	MDK	11-AUG-00		6010
			V	<5.0	ppm	MDK	11-AUG-00		6010
			ZN	<5.0	ppm	MDK	11-AUG-00		6010
WG000545-13		Lab Control Sample	AG	101	%Recovery	MDK	11-AUG-00		6010
			AS	101	%Recovery	MDK	11-AUG-00		6010
			BA	104	%Recovery	MDK	11-AUG-00		6010
			BI	93	%Recovery	MDK	11-AUG-00		6010
			CD	101	%Recovery	MDK	11-AUG-00		6010
			CN-	80	%Recovery	DC	08-JUL-00		335.2
			CO	101	%Recovery	MDK	11-AUG-00		6010
			CR	105	%Recovery	MDK	11-AUG-00		6010
			CU	114	%Recovery	MDK	11-AUG-00		6010
			HG	107	%Recovery	EH	12-JUL-00		7471
			MN	109	%Recovery	MDK	11-AUG-00		6010
			NI	103	%Recovery	MDK	11-AUG-00		6010
			PB	99	%Recovery	MDK	11-AUG-00		6010
			SB	149**	%Recovery	MDK	11-AUG-00		6010
			SE	87	%Recovery	MDK	11-AUG-00		6010
			SN	111	%Recovery	MDK	11-AUG-00		6010
			TL	103	%Recovery	MDK	11-AUG-00		6010
			V	107	%Recovery	MDK	11-AUG-00		6010
			ZN	99	%Recovery	MDK	11-AUG-00		6010
WG000545-14		Duplicate	MOIST.	20	% RPD	MJF	13-JUL-00		GRAV.
WG000545-15		Matrix Spike Duplicate	AG	1.6	% RPD	MDK	11-AUG-00		6010
			AS	<1	% RPD	MDK	11-AUG-00		6010
			BA	1.8	% RPD	MDK	11-AUG-00		6010
			BI	<1	% RPD	MDK	11-AUG-00		6010
			CD	<1	% RPD	MDK	11-AUG-00		6010
			CN-	4.2	% RPD	DC	08-JUL-00		335.2
			CO	<1	% RPD	MDK	11-AUG-00		6010
			CR	<1	% RPD	MDK	11-AUG-00		6010
			CU	<1	% RPD	MDK	11-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000545

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000545-15		Matrix Spike Duplicate	HG	2	% RPD	EH	12-JUL-00		7471
			MN	<1	% RPD	MDK	11-AUG-00		6010
			NI	<1	% RPD	MDK	11-AUG-00		6010
			PB	<1	% RPD	MDK	11-AUG-00		6010
			SB	2.9	% RPD	MDK	11-AUG-00		6010
			SE	<1	% RPD	MDK	11-AUG-00		6010
			SN	<1	% RPD	MDK	11-AUG-00		6010
			TL	2	% RPD	MDK	11-AUG-00		6010
			V	<1	% RPD	MDK	11-AUG-00		6010
			ZN	1.1	% RPD	MDK	11-AUG-00		6010
WG000545-16		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.050	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project)

Batch No: WG000545

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD

* Spikes outside acceptance limits due to matrix interference.
** LCS for Sb is within ERA (244) 95% confidence interval.

AKH for VPK
Approved

LCS
Reviewer

ARCADIS GERAGHTY&MILLER

Laboratory Task Order No./P.O. No. ______

CHAIN-OF-CUSTODY RECORD

Page 1 of [illegible]

Project Number/Name [illegible]

Project Location [illegible]

Laboratory [illegible]

Project Manager [illegible]

Sampler(s)/Affiliation [illegible]

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	[illegible]	[illegible]	[illegible]				Remarks	Total
[illegible]	S	[illegible]		1							[illegible]
[illegible]	|	| [illegible]		1	HOLD						[illegible]
[illegible]		[illegible]		1	HOLD						[illegible]
[illegible]		[illegible]			HOLD						
[illegible]		[illegible]		1	HOLD						
[illegible]		[illegible]									[illegible]
[illegible]		[illegible]		1	HOLD						
[illegible]		[illegible]		1	HOLD						
[illegible]		9[illegible]		1	HOLD						[illegible]
[illegible]		925			HOLD						[illegible]
[illegible] 0-0.5		933									
[illegible] 2.5		935			HOLD						[illegible]
[illegible] 5.5		936		1	HOLD						[illegible]
[illegible]		940			HOLD						[illegible]
[illegible]	S	V 943			[illegible]						

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers [illegible]

Relinquished by: [illegible]	Organization: [illegible]	Date [illegible]	Time [illegible]	Seal Intact?
Received by: Morrey	Organization: Ameco	Date 6 / 27 / 00	Time 10:00	Yes No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by:	Organization:	Date / /	Time	Yes No N/A

Special Instructions/Remarks: [illegible] on [illegible] samples [illegible] until [illegible] by [illegible]

Results to [illegible]

Delivery Method: ☐ In Person ☒ ~~Common~~ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other ______ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page _____ of _____

Project Number/Name _____

Project Location _____

Laboratory _____

Project Manager _____

Sampler(s)/Affiliation _____

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE						Remarks	Total

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers

Relinquished by: _____	Organization: _____	Date __/__/__	Time _____	Seal Intact?
Received by: _____	Organization: ARCO	Date 6/27/00	Time 10:00	Yes No N/A
Relinquished by: _____	Organization: _____	Date __/__/__	Time _____	Seal Intact?
Received by: _____	Organization: _____	Date __/__/__	Time _____	Yes No N/A

Special Instructions/Remarks: _____

BILL - CAN ONLY BILL FOR ONE SAMPLE AND LABOR BY HAND

BUT RUN ALL DEPTHS.

Delivery Method: ☐ In Person ☑ Common Carrier FED EX (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-0597

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page _____ of _____

Project Number/Name _____

Project Location _____

Laboratory _____

Project Manager _____

Sampler(s)/Affiliation _____

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE						Remarks	Total

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers

Relinquished by: _____	Organization: _____	Date / /	Time	~~Seal~~ Intact?	
Received by: _____	Organization: ARCO	Date 6/27/00	Time 10:00	Yes	No N/A
Relinquished by: _____	Organization: _____	Date / /	Time	Seal Intact?	
Received by: _____	Organization: _____	Date / /	Time	Yes	No N/A

Special Instructions/Remarks: _____

Delivery Method: ☐ In Person ☒ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 3

Project Number/Name _____

Project Location _____

Laboratory _____

Project Manager _____

Sampler(s)/Affiliation _____

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE						Remarks	Total

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers

Relinquished by: _____	Organization: _____	Date 6 / 28 / 00	Time _____	Seal Intact?	
Received by: _____	Organization: Ametco	Date 6 / 28 / 00	Time 11:00	Yes	No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?	
Received by: _____	Organization: _____	Date / /	Time _____	Yes	No N/A

Special Instructions/Remarks: _____

Delivery Method: ☐ In Person ☑ Common Carrier _____ ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY

AC 05 0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page ___ of 3

Project Number/Name _____

Project Location _____

Laboratory _____

Project Manager _____

Sampler(s)/Affiliation _____

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE							Remarks	Total
	L					1) metals 2) CN						
						RUN ALL 1) metals 2) CN						

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 18

Relinquished by: _____	Organization: _____	Date 6/27/00	Time _____	Seal Intact?		
Received by: Motley	Organization: Amec	Date 6/28/00	Time 11:00	Yes	No	N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?		
Received by: _____	Organization: _____	Date / /	Time _____	Yes	No	N/A

Special Instructions/Remarks: _____

B75: RUN (0-0.5) - HOLD ALL OTHER DEPTHS UNTIL NOTIFIED BY ARCADIS

Delivery Method: ☐ In Person ☑ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 4

Project Number/Name _____

Project Location _____

Laboratory _____

Project Manager _____

Sampler(s)/Affiliation _____

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TCMP - Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass w/Teflon lined lid)						Remarks	Total
B93 0-0.5	S	6/27/00 810		1							1
B93 2-2.5		813		1	HOLD						1
B93 5.5		815		1	HOLD						1
B93 8.5		820		1	HOLD						1
B93 11.5		825		1	HOLD						1
B93 14.5		830		1	HOLD						1
B93 15.5-16		833		1	HOLD						1
B94 0-0.5		735		1							1
B94 2-2.5		937		1	HOLD						1
B94 5.5		940		1	HOLD						1
B94 8.5		945		1	HOLD						1
B94 11.5		947		1	HOLD						1
B94 11.7-12.5	S	6/27/00 955		1	HOLD						1
[redacted]											

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 13

					Seal Intact?
Relinquished by: [illegible]	Organization: ARCADIS	Date 6/27/00	Time 1300		
Received by: Matthey	Organization: ASARCO	Date 6/28/00	Time 1100		Yes (circled) No N/A
Relinquished by:	Organization:	Date / /	Time		Seal Intact?
Received by:	Organization:	Date / /	Time		Yes No N/A

Special Instructions/Remarks:

B93, B94 run (0-0.5), HOLD all other depths until notified by ARCADIS

Delivery Method: ☐ In Person ☑ Common Carrier FedEx (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 4

Project Number/Name C000042.0001

Project Location Ensenada, Corpus Christi, TX

Laboratory ASARCO, Salt Lake City, UT

Project Manager Ken Brandner,

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, B; Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn	(6 oz. glass w/ Teflon lined lid)					Remarks	Total
B116 0-0.5	S	6/27/00 845		1							1
B116 2-2.5		847		1							1
B116 5.5		853		1							1
B116 8.5		900		1							1
B116 11.5		903		1							1
B116 14.5		907		1							1
B116 16.5-17		915		1							1
B112 0-0.5		1058		1							1
B112 2-2.5		1103		1							1
B112 5.5		1105		1							1
B112 8.5		1108		1							1
B112 11.5		1110		1							1
B112 14.5		1120		1							1
B112 17.5		1130		1							1
B112 18.5-19	S	1133		1							1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers: 15

Relinquished by: Bryan Hanna	Organization: ARCADIS	Date 6/27/00	Time 1800	Seal Intact?	
Received by: Mottet	Organization: ASARCO	Date 6/28/00	Time 11:00	(Yes) No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks:

* RUN ALL DEPTHS - (STEM DRIVEN BORINGS)

Delivery Method: ☐ In Person ☒ Common Carrier FedEx SPECIFY ☐ Lab Courier ☐ Other SPECIFY

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 3 of 4

Project Number/Name CCCCLA1000

Project Location Encinitas, Corpus Christi, TX

Laboratory ASPALL, Salt Lake City, UT

Project Manager Ken Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL Sb, As, Ba, Be, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass w/ Teflon lined lid)	Remarks	Total
B68 (0-0.5)	S	6/27/00 1010		1		1
B68 (2-2.5)		1015		1 HOLD		1
B68 (5.5)		1020		1 HOLD		1
B68 (8.5)		1025		1 HOLD		1
B68 (11.5)		1030		1 HOLD		1
B68 (14.5)		1035		1 HOLD		1
B68 (15.7-16)	S	1040		1 HOLD		1
DUPLICATE 31 (B5)	S	—		1		1
DUPLICATE 32 (11.5)	S	—		1		1
DUPLICATE 33 (15.5)	S	—		1		1
EQUIPMENT 31	L	920		2		2
EQUIPMENT 32	L	1300		2		2
EQUIPMENT 33	L	1500		2		2
FIELD BLANK	L	1305		2		2
					Total No. of Bottles/ Containers	18

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: Duplicate Copy	Organization: ARCADIS	Date 6/27/00	Time 1800	Seal Intact?	
Received by: Fedex	Organization: Amreco	Date 6/28/00	Time 11:00	Yes (No) N/A	
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?	
Received by: _____	Organization: _____	Date / /	Time _____	Yes No N/A	

Special Instructions/Remarks: B68- RUN 0-0.5 - HOLD ALL OTHER DEPTHS UNTIL NOTIFIED BY ARCADIS

Delivery Method: ☐ In Person ☒ Common Carrier Fedex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 4 of 4

Project Number/Name CC000624.0001

Project Location Cheyenne Complex, TX

Laboratory Aspen, Salt Lake City, UT

Project Manager Kim Brandner

Sampler(s)/Affiliation BH / ARCADIS

Sample ID/Location		Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: TOTAL- Sb, As, Ba, Cd, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (8 oz glass w/ Teflon lined lid)	Remarks	Total
B78	0-0.5	S	6/27/00 1305		1		1
B78	2-2.5		1307		1 HOLD		1
B78	5.5		1315		1 HOLD		1
B78	8.5		1319		1 HOLD		1
B78	11.5		1321		1 HOLD		1
B78	14.5		1328		1 HOLD		1
B78	17.5		1340		1 HOLD		1
B78	19.5-20		1345		1 HOLD		1
B77	0-0.5		1403		1		1
B77	2-2.5		1405		1 HOLD		1
B77	5.5		1408		1 HOLD		1
B77	8.5		1413		1 HOLD		1
B77	11.5		1415		1 HOLD		1
B77	14.5		1420		1 HOLD		1
B77	17.5		1430		1 HOLD		1
B77	19.5-20		1435		1 HOLD		1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers 16

Relinquished by: Barbara Kinsley	Organization: ARCADIS	Date 6/27/00	Time 1800	Seal Intact?		
Received by: Mattie P	Organization: STARCO	Date 6/28/00	Time 11:00	(Yes)	No	N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?		
Received by:	Organization:	Date / /	Time	Yes	No	N/A

Special Instructions/Remarks:

B78, B77 - RUN (0-0.5) - HOLD ALL OTHER DEPTHS UNTIL NOTIFIED BY ARCADIS

Delivery Method: ☐ In Person ☑ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

ASARCO

September 21, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (28), twenty eight soil samples collected on June 20, 2000, in association with the Encycle Project # CC00064.0001 and received by the laboratory on June 22, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001136

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001136-001	20-JUN-00	B65 (0-0.5)	CD	10.	ppm	MDK	21-AUG-00	6010
			CR	21.	ppm	MDK	21-AUG-00	6010
			MN	419.	ppm	MDK	21-AUG-00	6010
			TL	2.	ppm	MDK	21-AUG-00	6010
			ZN	1110.	ppm	MDK	21-AUG-00	6010
L001136-002	20-JUN-00	B65 (2-2.5)	AG	1.	ppm	MDK	21-AUG-00	6010
			CD	2.	ppm	MDK	21-AUG-00	6010
			CO	6.	ppm	MDK	21-AUG-00	6010
			CR	28.	ppm	MDK	21-AUG-00	6010
			CU	30.	ppm	MDK	21-AUG-00	6010
			MN	386.	ppm	MDK	21-AUG-00	6010
			NI	9.	ppm	MDK	21-AUG-00	6010
			PB	1570.	ppm	MDK	21-AUG-00	6010
			SB	3.*	ppm	MDK	21-AUG-00	6010
			SN	518.	ppm	MDK	21-AUG-00	6010
			ZN	684.	ppm	MDK	21-AUG-00	6010
L001136-003	20-JUN-00	B65 (5.5)	AG	<0.5	ppm	MDK	21-AUG-00	6010
			MN	349.	ppm	MDK	21-AUG-00	6010
			SB	1.*	ppm	MDK	21-AUG-00	6010
			ZN	1750.	ppm	MDK	21-AUG-00	6010
L001136-004	20-JUN-00	B65 (8.5)	CR	16.	ppm	MDK	21-AUG-00	6010
			SB	1.*	ppm	MDK	21-AUG-00	6010
			SN	11.	ppm	MDK	21-AUG-00	6010
			TL	2.	ppm	MDK	21-AUG-00	6010
			V	38.	ppm	MDK	21-AUG-00	6010
			ZN	57.	ppm	MDK	21-AUG-00	6010
L001136-005	20-JUN-00	B65 (11.5)	SE	<0.8	ppm	MDK	21-AUG-00	6010
			ZN	39.	ppm	MDK	21-AUG-00	6010
L001136-006	20-JUN-00	B65 (14.5)	CO	7.	ppm	MDK	21-AUG-00	6010
			CR	23.	ppm	MDK	21-AUG-00	6010
			SE	1.	ppm	MDK	21-AUG-00	6010
			ZN	17.	ppm	MDK	21-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001136

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001136-007	20-JUN-00	B65 (15.3-16)	AG	<0.5	ppm	MDK	21-AUG-00	6010
			CO	9.	ppm	MDK	21-AUG-00	6010
			CR	39.	ppm	MDK	21-AUG-00	6010
			NI	18.	ppm	MDK	21-AUG-00	6010
			SE	1.	ppm	MDK	21-AUG-00	6010
			ZN	18.	ppm	MDK	21-AUG-00	6010
L001136-008	20-JUN-00	B66 (0-0.5)	CR	93.	ppm	MDK	21-AUG-00	6010
			MN	532.	ppm	MDK	21-AUG-00	6010
			TL	<1.	ppm	MDK	21-AUG-00	6010
			ZN	4176.	ppm	MDK	21-AUG-00	6010
L001136-009	20-JUN-00	B66 (2-2.5)	AG	<0.5	ppm	MDK	21-AUG-00	6010
			CR	12.	ppm	MDK	21-AUG-00	6010
			CU	29.	ppm	MDK	21-AUG-00	6010
			MN	257.	ppm	MDK	21-AUG-00	6010
			PB	29.	ppm	MDK	21-AUG-00	6010
			SB	1.*	ppm	MDK	21-AUG-00	6010
			SN	6.	ppm	MDK	21-AUG-00	6010
			ZN	99.	ppm	MDK	21-AUG-00	6010
L001136-010	20-JUN-00	B66 (5.5)	SB	1.*	ppm	MDK	21-AUG-00	6010
			ZN	110.	ppm	MDK	21-AUG-00	6010
L001136-011	20-JUN-00	B66 (8.5)	CR	11.	ppm	MDK	21-AUG-00	6010
			SB	1.*	ppm	MDK	21-AUG-00	6010
			SN	5.	ppm	MDK	21-AUG-00	6010
			TL	6.	ppm	MDK	21-AUG-00	6010
			V	25.	ppm	MDK	21-AUG-00	6010
			ZN	72.	ppm	MDK	21-AUG-00	6010
L001136-012	20-JUN-00	B66 (11.5)	ZN	37.	ppm	MDK	21-AUG-00	6010
L001136-013	20-JUN-00	B66 (14.5)	SE	<0.8	ppm	MDK	21-AUG-00	6010
			ZN	13.	ppm	MDK	21-AUG-00	6010
L001136-014	20-JUN-00	B66 (15.7-16)	CR	49.	ppm	MDK	21-AUG-00	6010
			SE	1.	ppm	MDK	21-AUG-00	6010
			ZN	11.	ppm	MDK	21-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001136

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001136-015	20-JUN-00	B62 (0-0.5)	AG	<0.5	ppm	MDK	21-AUG-00	6010
			AS	<5.	ppm	MDK	21-AUG-00	6010
			CD	4.	ppm	MDK	21-AUG-00	6010
			CO	6.	ppm	MDK	21-AUG-00	6010
			CR	34.	ppm	MDK	21-AUG-00	6010
			CU	8.	ppm	MDK	21-AUG-00	6010
			HG	<0.05	ppm	VPK	18-JUL-00	7471
			NI	18.	ppm	MDK	21-AUG-00	6010
			PB	11.	ppm	MDK	21-AUG-00	6010
			SB	1.*	ppm	MDK	21-AUG-00	6010
			SE	<0.8	ppm	MDK	21-AUG-00	6010
			ZN	385.	ppm	MDK	21-AUG-00	6010
L001136-016	20-JUN-00	B62 (2-2.5)	CR	15.	ppm	MDK	21-AUG-00	6010
			TL	2.	ppm	MDK	21-AUG-00	6010
			ZN	36.	ppm	MDK	21-AUG-00	6010
L001136-017	20-JUN-00	B62 (5.5)	CR	11.	ppm	MDK	21-AUG-00	6010
			TL	2.	ppm	MDK	21-AUG-00	6010
			V	34.	ppm	MDK	21-AUG-00	6010
			ZN	38.	ppm	MDK	21-AUG-00	6010
L001136-018	20-JUN-00	B62 (8.5)	SB	<0.8*	ppm	MDK	21-AUG-00	6010
			SE	<0.8	ppm	MDK	21-AUG-00	6010
			TL	<1.	ppm	MDK	21-AUG-00	6010
			ZN	26.	ppm	MDK	21-AUG-00	6010
L001136-019	20-JUN-00	B62 (11.5)	CR	27.	ppm	MDK	21-AUG-00	6010
			TL	<1.	ppm	MDK	21-AUG-00	6010
			ZN	20.	ppm	MDK	21-AUG-00	6010
L001136-020	20-JUN-00	B62 (14.5)	CO	6	ppm	MDK	21-AUG-00	6010
			CR	26.	ppm	MDK	21-AUG-00	6010
			NI	12	ppm	MDK	21-AUG-00	6010
			SE	<0.8	ppm	MDK	21-AUG-00	6010
			TL	<1.	ppm	MDK	21-AUG-00	6010
			ZN	8.	ppm	MDK	21-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001136

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001136-021	20-JUN-00	B62 (15-16)	CO	10.	ppm	MDK	21-AUG-00	6010
			CR	54.	ppm	MDK	21-AUG-00	6010
			NI	26.	ppm	MDK	21-AUG-00	6010
			SE	1.	ppm	MDK	21-AUG-00	6010
			ZN	8.	ppm	MDK	21-AUG-00	6010
L001136-022	20-JUN-00	B63 (0-0.5)	CR	18.	ppm	MDK	21-AUG-00	6010
			SB	<0.8*	ppm	MDK	21-AUG-00	6010
			ZN	59.	ppm	MDK	21-AUG-00	6010
L001136-023	20-JUN-00	B63 (2-2.5)	CR	14.	ppm	MDK	21-AUG-00	6010
			TL	2.	ppm	MDK	21-AUG-00	6010
			ZN	66.	ppm	MDK	21-AUG-00	6010
L001136-024	20-JUN-00	B63 (5.5)	TL	2.	ppm	MDK	21-AUG-00	6010
			ZN	64.	ppm	MDK	21-AUG-00	6010
L001136-025	20-JUN-00	B63 (8.5)	ZN	34.	ppm	MDK	21-AUG-00	6010
L001136-026	20-JUN-00	B63 (11.5)	ZN	14.	ppm	MDK	21-AUG-00	6010
L001136-027	20-JUN-00	B63 (14.5)	ZN	9.	ppm	MDK	21-AUG-00	6010
L001136-028	20-JUN-00	B63 (15-16)	CO	10.	ppm	MDK	21-AUG-00	6010
			CR	45.	ppm	MDK	21-AUG-00	6010
			NI	21.	ppm	MDK	21-AUG-00	6010
			SE	<0.8	ppm	MDK	21-AUG-00	6010
			ZN	6.	ppm	MDK	21-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001136

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD

(*) Quality control data indicates a possible bias. See QC report for details.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000746

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000746-1		Matrix Spike	AG	107	%Recovery	MDK	21-AUG-00		6010
			AS	92	%Recovery	MDK	21-AUG-00		6010
			BA	91	%Recovery	MDK	21-AUG-00		6010
			BI	97	%Recovery	MDK	21-AUG-00		6010
			CD	92	%Recovery	MDK	21-AUG-00		6010
			CO	91	%Recovery	MDK	21-AUG-00		6010
			CR	99	%Recovery	MDK	21-AUG-00		6010
			CU	109	%Recovery	MDK	21-AUG-00		6010
			HG	98	%Recovery	VPK	18-JUL-00		7471
			MN	99	%Recovery	MDK	21-AUG-00		6010
			NI	93	%Recovery	MDK	21-AUG-00		6010
			PB	93	%Recovery	MDK	21-AUG-00		6010
			SB	48*	%Recovery	MDK	21-AUG-00		6010
			SE	78	%Recovery	MDK	21-AUG-00		6010
			SN	94	%Recovery	MDK	21-AUG-00		6010
			TL	84	%Recovery	MDK	21-AUG-00		6010
			V	100	%Recovery	MDK	21-AUG-00		6010
			ZN	94	%Recovery	MDK	21-AUG-00		6010
WG000746-2		Prep Blank	AG	<0.5	ppm	MDK	21-AUG-00		6010
			AS	<5.0	ppm	MDK	21-AUG-00		6010
			BA	<5.0	ppm	MDK	21-AUG-00		6010
			BI	<4.0	ppm	MDK	21-AUG-00		6010
			CD	<1.0	ppm	MDK	21-AUG-00		6010
			CO	<5.0	ppm	MDK	21-AUG-00		6010
			CR	<5.0	ppm	MDK	21-AUG-00		6010
			CU	<5.0	ppm	MDK	21-AUG-00		6010
			HG	<0.05	ppm	VPK	18-JUL-00		7471
			MN	<5.0	ppm	MDK	21-AUG-00		6010
			NI	<5.0	ppm	MDK	21-AUG-00		6010
			PB	<5.0	ppm	MDK	21-AUG-00		6010
			SB	<0.8	ppm	MDK	21-AUG-00		6010
			SE	<0.8	ppm	MDK	21-AUG-00		6010
			SN	<5.0	ppm	MDK	21-AUG-00		6010
			TL	2.1	ppm	MDK	21-AUG-00		6010
			V	<5.0	ppm	MDK	21-AUG-00		6010
			ZN	<5.0	ppm	MDK	21-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000746

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000746-3		Lab Control Sample	AG	105	%Recovery	MDK	21-AUG-00		6010
			AS	103	%Recovery	MDK	21-AUG-00		6010
			BA	108	%Recovery	MDK	21-AUG-00		6010
			BI	92	%Recovery	MDK	21-AUG-00		6010
			CD	105	%Recovery	MDK	21-AUG-00		6010
			CO	102	%Recovery	MDK	21-AUG-00		6010
			CR	109	%Recovery	MDK	21-AUG-00		6010
			CU	114	%Recovery	MDK	21-AUG-00		6010
			HG	97	%Recovery	VPK	18-JUL-00		7471
			MN	105	%Recovery	MDK	21-AUG-00		6010
			NI	104	%Recovery	MDK	21-AUG-00		6010
			PB	103	%Recovery	MDK	21-AUG-00		6010
			SB	152**	%Recovery	MDK	21-AUG-00		6010
			SE	87	%Recovery	MDK	21-AUG-00		6010
			SN	112	%Recovery	MDK	21-AUG-00		6010
			TL	118	%Recovery	MDK	21-AUG-00		6010
			V	111	%Recovery	MDK	21-AUG-00		6010
			ZN	98	%Recovery	MDK	21-AUG-00		6010
WG000746-5		Matrix Spike Duplicate	AG	2.6	% RPD	MDK	21-AUG-00		6010
			AS	2	% RPD	MDK	21-AUG-00		6010
			BA	1.5	% RPD	MDK	21-AUG-00		6010
			BI	2.2	% RPD	MDK	21-AUG-00		6010
			CD	2.8	% RPD	MDK	21-AUG-00		6010
			CO	<1	% RPD	MDK	21-AUG-00		6010
			CR	<1	% RPD	MDK	21-AUG-00		6010
			CU	<1	% RPD	MDK	21-AUG-00		6010
			HG	2.1	% RPD	VPK	18-JUL-00		7471
			MN	<1	% RPD	MDK	21-AUG-00		6010
			NI	1.7	% RPD	MDK	21-AUG-00		6010
			PB	1.4	% RPD	MDK	21-AUG-00		6010
			SB	5.2	% RPD	MDK	21-AUG-00		6010
			SE	2.5	% RPD	MDK	21-AUG-00		6010
			SN	1.3	% RPD	MDK	21-AUG-00		6010
			TL	<1	% RPD	MDK	21-AUG-00		6010
			V	<1	% RPD	MDK	21-AUG-00		6010
			ZN	<1	% RPD	MDK	21-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000746

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000746-6		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000746-7		Matrix Spike	AG	105	%Recovery	MDK	21-AUG-00		6010
			AS	93	%Recovery	MDK	21-AUG-00		6010
			BA	91	%Recovery	MDK	21-AUG-00		6010
			BI	97	%Recovery	MDK	21-AUG-00		6010
			CD	91	%Recovery	MDK	21-AUG-00		6010
			CO	92	%Recovery	MDK	21-AUG-00		6010
			CR	104	%Recovery	MDK	21-AUG-00		6010
			CU	113	%Recovery	MDK	21-AUG-00		6010
			MN	109	%Recovery	MDK	21-AUG-00		6010
			NI	95	%Recovery	MDK	21-AUG-00		6010
			PB	94	%Recovery	MDK	21-AUG-00		6010
			SB	51*	%Recovery	MDK	21-AUG-00		6010
			SE	79	%Recovery	MDK	21-AUG-00		6010
			SN	96	%Recovery	MDK	21-AUG-00		6010
			TL	84	%Recovery	MDK	21-AUG-00		6010
			V	100	%Recovery	MDK	21-AUG-00		6010
			ZN	96	%Recovery	MDK	21-AUG-00		6010
WG000746-8		Prep Blank	AG	<0.5	ppm	MDK	21-AUG-00		6010
			AS	<5.0	ppm	MDK	21-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000746

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000746-8		Prep Blank	BA	<5.0	ppm	MDK	21-AUG-00		6010
			BI	<4.0	ppm	MDK	21-AUG-00		6010
			CD	<1.0	ppm	MDK	21-AUG-00		6010
			CO	<5.0	ppm	MDK	21-AUG-00		6010
			CR	<5.0	ppm	MDK	21-AUG-00		6010
			CU	<5.0	ppm	MDK	21-AUG-00		6010
			MN	<5.0	ppm	MDK	21-AUG-00		6010
			NI	<5.0	ppm	MDK	21-AUG-00		6010
			PB	<5.0	ppm	MDK	21-AUG-00		6010
			SB	<0.8	ppm	MDK	21-AUG-00		6010
			SE	<0.8	ppm	MDK	21-AUG-00		6010
			SN	<5.0	ppm	MDK	21-AUG-00		6010
			TL	<1.0	ppm	MDK	21-AUG-00		6010
			V	<5.0	ppm	MDK	21-AUG-00		6010
			ZN	<5.0	ppm	MDK	21-AUG-00		6010
WG000746-9		Lab Control Sample	AG	104	%Recovery	MDK	21-AUG-00		6010
			AS	105	%Recovery	MDK	21-AUG-00		6010
			BA	109	%Recovery	MDK	21-AUG-00		6010
			BI	97	%Recovery	MDK	21-AUG-00		6010
			CD	107	%Recovery	MDK	21-AUG-00		6010
			CO	102	%Recovery	MDK	21-AUG-00		6010
			CR	110	%Recovery	MDK	21-AUG-00		6010
			CU	118	%Recovery	MDK	21-AUG-00		6010
			MN	105	%Recovery	MDK	21-AUG-00		6010
			NI	107	%Recovery	MDK	21-AUG-00		6010
			PB	104	%Recovery	MDK	21-AUG-00		6010
			SB	159**	%Recovery	MDK	21-AUG-00		6010
			SE	88	%Recovery	MDK	21-AUG-00		6010
			SN	115	%Recovery	MDK	21-AUG-00		6010
			TL	110	%Recovery	MDK	21-AUG-00		6010
			V	109	%Recovery	MDK	21-AUG-00		6010
			ZN	98	%Recovery	MDK	21-AUG-00		6010
WG000746-11		Matrix Spike Duplicate	AG	2.6	% RPD	MDK	21-AUG-00		6010
			AS	<1	% RPD	MDK	21-AUG-00		6010
			BA	1.5	% RPD	MDK	21-AUG-00		6010
			BI	1.3	% RPD	MDK	21-AUG-00		6010
			CD	1.1	% RPD	MDK	21-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000746

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000746-11		Matrix Spike Duplicate	CO	1	% RPD	MDK	21-AUG-00		6010
			CR	<1	% RPD	MDK	21-AUG-00		6010
			CU	<1	% RPD	MDK	21-AUG-00		6010
			MN	1.5	% RPD	MDK	21-AUG-00		6010
			NI	<1	% RPD	MDK	21-AUG-00		6010
			PB	1.9	% RPD	MDK	21-AUG-00		6010
			SB	4.9	% RPD	MDK	21-AUG-00		6010
			SE	<1	% RPD	MDK	21-AUG-00		6010
			SN	<1	% RPD	MDK	21-AUG-00		6010
			TL	2.5	% RPD	MDK	21-AUG-00		6010
			V	7.1	% RPD	MDK	21-AUG-00		6010
			ZN	<1	% RPD	MDK	21-AUG-00		6010

* Spikes outside acceptance limits due to matrix interference.
** LCS for Sb is within ERA (244), 95% confidence interval.

Approved

Reviewer

ASARCO

September 22, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (79), seventy nine soil samples collected between June 23 and June 27, 2000, in association with the Encycle Project # CC00064.0001 and received by the laboratory on June 27 and June 28, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000999

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000999-001	23-JUN-00	B-48 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			CD	<1.	ppm	MDK	01-SEP-00	6010
			CR	14.*	ppm	MDK	01-SEP-00	6010
			MN	295.	ppm	MDK	01-SEP-00	6010
			SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	88.	ppm	MDK	01-SEP-00	6010
L000999-002	23-JUN-00	B-48 (5.5)	SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	50.	ppm	MDK	01-SEP-00	6010
L000999-003	23-JUN-00	B-48 (8.5)	SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	38.	ppm	MDK	01-SEP-00	6010
L000999-004	23-JUN-00	B-48 (11.5-12)	SB	1.*	ppm	MDK	01-SEP-00	6010
			ZN	25.	ppm	MDK	01-SEP-00	6010
L000999-005	23-JUN-00	B-106 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	101.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	22.	ppm	MDK	01-SEP-00	6010
			CO	6.	ppm	MDK	01-SEP-00	6010
			CR	16.*	ppm	MDK	01-SEP-00	6010
			CU	18.*	ppm	MDK	01-SEP-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	392.	ppm	MDK	01-SEP-00	6010
			MOIST.	19.	%	MJF	15-JUL-00	GRAV.
			NI	12.	ppm	MDK	01-SEP-00	6010
			PB	16.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	18.*	ppm	MDK	01-SEP-00	6010
			ZN	864.	ppm	MDK	01-SEP-00	6010
L000999-006	23-JUN-00	B-106 (5.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	235.*	ppm	MDK	01-SEP-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000999

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000999-006	23-JUN-00	B-106 (5.5)	BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	4.	ppm	MDK	01-SEP-00	6010
			CO	<5.	ppm	MDK	01-SEP-00	6010
			CR	12.*	ppm	MDK	01-SEP-00	6010
			CU	9.*	ppm	MDK	01-SEP-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	308.	ppm	MDK	01-SEP-00	6010
			MOIST.	18.	%	MJF	15-JUL-00	GRAV.
			NI	8.	ppm	MDK	01-SEP-00	6010
			PB	9.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	25.*	ppm	MDK	01-SEP-00	6010
			ZN	159.	ppm	MDK	01-SEP-00	6010
L000999-007	23-JUN-00	B-106 (8.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	5.	ppm	MDK	01-SEP-00	6010
			BA	373.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	2.	ppm	MDK	01-SEP-00	6010
			CO	<5.	ppm	MDK	01-SEP-00	6010
			CR	11.*	ppm	MDK	01-SEP-00	6010
			CU	7.*	ppm	MDK	01-SEP-00	6010
			MN	287.	ppm	MDK	01-SEP-00	6010
			NI	7.	ppm	MDK	01-SEP-00	6010
			PB	8.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	32.*	ppm	MDK	01-SEP-00	6010
			ZN	139.	ppm	MDK	01-SEP-00	6010
L000999-008	23-JUN-00	B-106 (10-11)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	220.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000999

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000999-008	23-JUN-00	B-106 (10-11)	CD	2.	ppm	MDK	01-SEP-00	6010
			CO	<5.	ppm	MDK	01-SEP-00	6010
			CR	8.*	ppm	MDK	01-SEP-00	6010
			CU	5.*	ppm	MDK	01-SEP-00	6010
			MN	222.	ppm	MDK	01-SEP-00	6010
			NI	6.	ppm	MDK	01-SEP-00	6010
			PB	8.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	20.*	ppm	MDK	01-SEP-00	6010
			ZN	134.	ppm	MDK	01-SEP-00	6010
L000999-009	23-JUN-00	B-105 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	87.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	48.	ppm	MDK	01-SEP-00	6010
			CN-	0.16	ppm	DC	07-JUL-00	335.2
			CO	6.	ppm	MDK	01-SEP-00	6010
			CR	13.*	ppm	MDK	01-SEP-00	6010
			CU	29.*	ppm	MDK	01-SEP-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	1490.	ppm	MDK	01-SEP-00	6010
			MOIST.	19.	%	MJF	15-JUL-00	GRAV.
			NI	12.	ppm	MDK	01-SEP-00	6010
			PB	27.	ppm	MDK	01-SEP-00	6010
			SB	3.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	14.*	ppm	MDK	01-SEP-00	6010
			ZN	6434.	ppm	MDK	01-SEP-00	6010
L000999-010	23-JUN-00	B-105 (5.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	508.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000999

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000999-010	23-JUN-00	B-105 (5.5)	CD	<1.	ppm	MDK	01-SEP-00	6010
			CN-	<0.04	ppm	DC	07-JUL-00	335.2
			CO	<5.	ppm	MDK	01-SEP-00	6010
			CR	10.*	ppm	MDK	01-SEP-00	6010
			CU	10.*	ppm	MDK	01-SEP-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	274.	ppm	MDK	01-SEP-00	6010
			MOIST.	17.	%	MJF	15-JUL-00	GRAV.
			NI	8.	ppm	MDK	01-SEP-00	6010
			PB	11.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	29.*	ppm	MDK	01-SEP-00	6010
			ZN	124.	ppm	MDK	01-SEP-00	6010
L000999-011	23-JUN-00	B-105 (8.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	5.	ppm	MDK	01-SEP-00	6010
			BA	355.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	<1.	ppm	MDK	01-SEP-00	6010
			CO	<5.	ppm	MDK	01-SEP-00	6010
			CR	11.*	ppm	MDK	01-SEP-00	6010
			CU	10.*	ppm	MDK	01-SEP-00	6010
			MN	265.	ppm	MDK	01-SEP-00	6010
			NI	7.	ppm	MDK	01-SEP-00	6010
			PB	10.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	6.	ppm	MDK	01-SEP-00	6010
			V	34.*	ppm	MDK	01-SEP-00	6010
			ZN	89.	ppm	MDK	01-SEP-00	6010
L000999-012	23-JUN-00	B-105 (10.5-11)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	246.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L000999

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000999-012	23-JUN-00	B-105 (10.5-11)	CD	<1.	ppm	MDK	01-SEP-00	6010
			CO	<5.	ppm	MDK	01-SEP-00	6010
			CR	8.*	ppm	MDK	01-SEP-00	6010
			CU	7.*	ppm	MDK	01-SEP-00	6010
			MN	314.	ppm	MDK	01-SEP-00	6010
			NI	7.	ppm	MDK	01-SEP-00	6010
			PB	9.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	2.	ppm	MDK	01-SEP-00	6010
			V	22.*	ppm	MDK	01-SEP-00	6010
			ZN	45.	ppm	MDK	01-SEP-00	6010
L000999-013	23-JUN-00	B-107 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	134.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	1.	ppm	MDK	01-SEP-00	6010
			CO	5.	ppm	MDK	01-SEP-00	6010
			CR	12.*	ppm	MDK	01-SEP-00	6010
			CU	14.*	ppm	MDK	01-SEP-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	331.	ppm	MDK	01-SEP-00	6010
			MOIST.	16.	%	MJF	15-JUL-00	GRAV.
			NI	10.	ppm	MDK	01-SEP-00	6010
			PB	13.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	18.*	ppm	MDK	01-SEP-00	6010
			ZN	137.	ppm	MDK	01-SEP-00	6010
L000999-014	23-JUN-00	B-107 (5.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	5.	ppm	MDK	01-SEP-00	6010
			BA	521.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	<1.	ppm	MDK	01-SEP-00	6010

ASARCO TECHNICAL SERVICES CENTER

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Encycle/Texas

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000999-014	23-JUN-00	B-107 (5.5)	CO	5.	ppm	MDK	01-SEP-00	6010
			CR	14.*	ppm	MDK	01-SEP-00	6010
			CU	8.*	ppm	MDK	01-SEP-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	283.	ppm	MDK	01-SEP-00	6010
			MOIST.	17.	%	MJF	15-JUL-00	GRAV.
			NI	9.	ppm	MDK	01-SEP-00	6010
			PB	8.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	7.*	ppm	MDK	01-SEP-00	6010
			TL	1.	ppm	MDK	01-SEP-00	6010
			V	45.*	ppm	MDK	01-SEP-00	6010
			ZN	45.	ppm	MDK	01-SEP-00	6010
L000999-015	23-JUN-00	B-107 (8.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	275.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	<1.	ppm	MDK	01-SEP-00	6010
			CO	<5.	ppm	MDK	01-SEP-00	6010
			CR	10.*	ppm	MDK	01-SEP-00	6010
			CU	8.*	ppm	MDK	01-SEP-00	6010
			MN	290.	ppm	MDK	01-SEP-00	6010
			NI	7.	ppm	MDK	01-SEP-00	6010
			PB	8.	ppm	MDK	01-SEP-00	6010
			SB	3.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	28.*	ppm	MDK	01-SEP-00	6010
			ZN	39.	ppm	MDK	01-SEP-00	6010
L000999-016	23-JUN-00	B-107 (10-11)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	230.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	<1.	ppm	MDK	01-SEP-00	6010
			CO	<5.	ppm	MDK	01-SEP-00	6010

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L000999-016	23-JUN-00	B-107 (10-11)	CR	10.*	ppm	MDK	01-SEP-00	6010
			CU	10.*	ppm	MDK	01-SEP-00	6010
			MN	246.	ppm	MDK	01-SEP-00	6010
			NI	6.	ppm	MDK	01-SEP-00	6010
			PB	7.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			SN	<5.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			V	22.*	ppm	MDK	01-SEP-00	6010
			ZN	35.	ppm	MDK	01-SEP-00	6010
L000999-017	23-JUN-00	B-95 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			CD	<1.	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			ZN	58.	ppm	MDK	01-SEP-00	6010
L000999-018	23-JUN-00	B-95 (5.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	49.	ppm	MDK	01-SEP-00	6010
L000999-019	23-JUN-00	B-95 (8.5)	SB	2..*	ppm	MDK	01-SEP-00	6010
			ZN	52.	ppm	MDK	01-SEP-00	6010
L000999-020	23-JUN-00	B-95 (11.5)	SB	2..*	ppm	MDK	01-SEP-00	6010
			ZN	44.	ppm	MDK	01-SEP-00	6010
L000999-021	23-JUN-00	B-95 (14.3-15)	SB	2..*	ppm	MDK	01-SEP-00	6010
			ZN	44.	ppm	MDK	01-SEP-00	6010
L000999-022	26-JUN-00	B-34 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			BA	292.*	ppm	MDK	01-SEP-00	6010
			CD	53.	ppm	MDK	01-SEP-00	6010
			CO	6.	ppm	MDK	01-SEP-00	6010
			CR	14.*	ppm	MDK	01-SEP-00	6010
			CU	66.*	ppm	MDK	01-SEP-00	6010
			MN	392.	ppm	MDK	01-SEP-00	6010
			NI	10.	ppm	MDK	01-SEP-00	6010
			SB	2..*	ppm	MDK	01-SEP-00	6010

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Encycle/Texas

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L000999-022	26-JUN-00	B-34 (2-2.5)	ZN	1690.	ppm	MDK	01-SEP-00	6010
L000999-023	26-JUN-00	B-34 (5.5)	CD	8.	ppm	MDK	01-SEP-00	6010
			CU	25.*	ppm	MDK	01-SEP-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	481.	ppm	MDK	01-SEP-00	6010
			MOIST.	20.	%	MJF	15-JUL-00	GRAV.
			SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	404.	ppm	MDK	01-SEP-00	6010
L000999-024	26-JUN-00	B-34 (8.5)	CD	3.	ppm	MDK	01-SEP-00	6010
			CU	8.*	ppm	MDK	01-SEP-00	6010
			SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	99.	ppm	MDK	01-SEP-00	6010
L000999-025	26-JUN-00	B-34 (11.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	70.	ppm	MDK	01-SEP-00	6010
L000999-026	26-JUN-00	B-34 (14-14.5)	SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	33.	ppm	MDK	01-SEP-00	6010
L000999-027	26-JUN-00	B-76 (2-2.5)	CD	<1.	ppm	MDK	01-SEP-00	6010
			CR	16*.	ppm	MDK	01-SEP-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	491.	ppm	MDK	01-SEP-00	6010
			MOIST.	23.	%	MJF	15-JUL-00	GRAV.
			SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	60.	ppm	MDK	01-SEP-00	6010
L000999-028	26-JUN-00	B-76 (5.5)	CR	13.*	ppm	MDK	01-SEP-00	6010
			MN	370.	ppm	MDK	01-SEP-00	6010
			SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	47.	ppm	MDK	01-SEP-00	6010
L000999-029	26-JUN-00	B-76 (8.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	52.	ppm	MDK	01-SEP-00	6010
L000999-030	26-JUN-00	B-76 (11.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	61.	ppm	MDK	01-SEP-00	6010

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L000999-031	26-JUN-00	B-76 (14.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	63.	ppm	MDK	01-SEP-00	6010
L000999-032	26-JUN-00	B-76 (17.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	51.	ppm	MDK	01-SEP-00	6010
L000999-033	26-JUN-00	B-76 (20.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	62.	ppm	MDK	01-SEP-00	6010
L000999-034	26-JUN-00	B-76 (23.4-24)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	14.	ppm	MDK	01-SEP-00	6010
L000999-035	26-JUN-00	B-75 (2-2.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			ZN	58.	ppm	MDK	01-SEP-00	6010
L000999-036	26-JUN-00	B-75 (5.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	48.	ppm	MDK	01-SEP-00	6010
L000999-037	26-JUN-00	B-75 (8.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	49.	ppm	MDK	01-SEP-00	6010
L000999-038	26-JUN-00	B-75 (11.5)	SB	5.*	ppm	MDK	01-SEP-00	6010
			ZN	58.	ppm	MDK	01-SEP-00	6010
L000999-039	26-JUN-00	B-75 (14.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	62.	ppm	MDK	01-SEP-00	6010
L000999-040	26-JUN-00	B-75 (17.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	54.	ppm	MDK	01-SEP-00	6010
L000999-041	26-JUN-00	B-75 (20.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	41.	ppm	MDK	01-SEP-00	6010
L000999-042	26-JUN-00	B-75 (23.5)	SB	5.*	ppm	MDK	01-SEP-00	6010
			ZN	57.	ppm	MDK	01-SEP-00	6010
L000999-043	26-JUN-00	B-75 (26-26.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	63.	ppm	MDK	01-SEP-00	6010

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L000999-044	26-JUN-00	B-33 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			AS	<5.	ppm	MDK	01-SEP-00	6010
			BA	755.*	ppm	MDK	01-SEP-00	6010
			BI	<4.	ppm	MDK	01-SEP-00	6010
			CD	2.	ppm	MDK	01-SEP-00	6010
			CO	<5.	ppm	MDK	01-SEP-00	6010
			CR	11.*	ppm	MDK	01-SEP-00	6010
			CU	7.*	ppm	MDK	01-SEP-00	6010
			MN	531.	ppm	MDK	01-SEP-00	6010
			PB	9.	ppm	MDK	01-SEP-00	6010
			SB	3.*	ppm	MDK	01-SEP-00	6010
			V	29.*	ppm	MDK	01-SEP-00	6010
			ZN	304.	ppm	MDK	01-SEP-00	6010
L000999-045	26-JUN-00	B-33 (5.5)	BA	304.*	ppm	MDK	01-SEP-00	6010
			MN	400.	ppm	MDK	01-SEP-00	6010
			SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	389.	ppm	MDK	01-SEP-00	6010
L000999-046	26-JUN-00	B-33 (8.5)	SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	28.	ppm	MDK	01-SEP-00	6010
L000999-047	26-JUN-00	B-33 (11.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	47.	ppm	MDK	01-SEP-00	6010
L000999-048	26-JUN-00	B-33 (13-14)	SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	20.	ppm	MDK	01-SEP-00	6010
L000999-049	27-JUN-00	B-93 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			CD	1.	ppm	MDK	01-SEP-00	6010
			CR	14.*	ppm	MDK	01-SEP-00	6010
			CU	13.*	ppm	MDK	01-SEP-00	6010
			HG	0.60	ppm	EH	17-JUL-00	7471
			MN	344.	ppm	MDK	01-SEP-00	6010
			MOIST.	21.	%	MJF	15-JUL-00	GRAV.
			PB	10.	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			TL	<1.	ppm	MDK	01-SEP-00	6010
			ZN	242.	ppm	MDK	01-SEP-00	6010

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L000999-050	27-JUN-00	B-93 (5.5)	HG	<0.05	ppm	EH	17-JUL-00	7471
			MOIST.	20.	%	MJF	15-JUL-00	GRAV.
			ZN	85.	ppm	MDK	01-SEP-00	6010
L000999-051	27-JUN-00	B-93 (8.5)	ZN	49.	ppm	MDK	01-SEP-00	6010
L000999-052	27-JUN-00	B-93 (11.5)	ZN	51.	ppm	MDK	01-SEP-00	6010
L000999-053	27-JUN-00	B-93 (14.5)	ZN	56.	ppm	MDK	01-SEP-00	6010
L000999-054	27-JUN-00	B-93 (15.5-16)	ZN	26.	ppm	MDK	01-SEP-00	6010
L000999-055	27-JUN-00	B-94 (2-2.5)	AG	<0.5	ppm	MDK	01-SEP-00	6010
			CD	12.	ppm	MDK	01-SEP-00	6010
			CR	12.*	ppm	MDK	01-SEP-00	6010
			CU	25.*	ppm	MDK	01-SEP-00	6010
			HG	0.055	ppm	EH	17-JUL-00	7471
			MOIST.	24.	%	MJF	15-JUL-00	GRAV.
			PB	28.	ppm	MDK	01-SEP-00	6010
			SB	4.*	ppm	MDK	01-SEP-00	6010
			SE	<0.8*	ppm	MDK	01-SEP-00	6010
			ZN	789.	ppm	MDK	01-SEP-00	6010
L000999-056	27-JUN-00	B-94 (5.5)	CD	<1.	ppm	MDK	01-SEP-00	6010
			CU	11.*	ppm	MDK	01-SEP-00	6010
			SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	55.	ppm	MDK	01-SEP-00	6010
L000999-057	27-JUN-00	B-94 (8.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	48.	ppm	MDK	01-SEP-00	6010
L000999-058	27-JUN-00	B-94 (11.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	52.	ppm	MDK	01-SEP-00	6010
L000999-059	27-JUN-00	B-94 (17.7-17.5)	SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	166.	ppm	MDK	01-SEP-00	6010
L000999-060	27-JUN-00	B-68 (2-2.5)	CD	302.	ppm	MDK	01-SEP-00	6010
			CO	10.	ppm	MDK	01-SEP-00	6010

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L000999-060	27-JUN-00	B-68 (2-2.5)	MN	1560.	ppm	MDK	01-SEP-00	6010
			SB	4.*	ppm	MDK	01-SEP-00	6010
			ZN	14400.	ppm	MDK	01-SEP-00	6010
L000999-061	27-JUN-00	B-68 (5.5)	CD	2.	ppm	MDK	01-SEP-00	6010
			CO	7.	ppm	MDK	01-SEP-00	6010
			MN	445.	ppm	MDK	01-SEP-00	6010
			SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	247.	ppm	MDK	01-SEP-00	6010
L000999-062	27-JUN-00	B-68 (8.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	71.	ppm	MDK	01-SEP-00	6010
L000999-063	27-JUN-00	B-68 (11.5)	SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	71.	ppm	MDK	01-SEP-00	6010
L000999-064	27-JUN-00	B-68 (14.5)	SB	3.*	ppm	MDK	01-SEP-00	6010
			ZN	35.	ppm	MDK	01-SEP-00	6010
L000999-065	27-JUN-00	B-68 (15.7-16)	SB	2.*	ppm	MDK	01-SEP-00	6010
			ZN	30.	ppm	MDK	01-SEP-00	6010
L000999-066	27-JUN-00	B-78 (2-2.5)	TL	<1.	ppm	MDK	01-SEP-00	6010
			ZN	43.	ppm	MDK	01-SEP-00	6010
L000999-067	27-JUN-00	B-78 (5.5)	ZN	46.	ppm	MDK	01-SEP-00	6010
L000999-068	27-JUN-00	B-78 (8.5)	ZN	39.	ppm	MDK	01-SEP-00	6010
L000999-069	27-JUN-00	B-78 (11.5)	ZN	40.	ppm	MDK	01-SEP-00	6010
L000999-070	27-JUN-00	B-78 (14.5)	ZN	65.	ppm	MDK	01-SEP-00	6010
L000999-071	27-JUN-00	B-78 (17.5)	ZN	44.	ppm	MDK	01-SEP-00	6010
L000999-072	27-JUN-00	B-78 (19.5-20)	ZN	36.	ppm	MDK	01-SEP-00	6010
L000999-073	27-JUN-00	B-77 (2-2.5)	TL	<1.	ppm	MDK	01-SEP-00	6010
			ZN	45.	ppm	MDK	01-SEP-00	6010

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L000999-074	27-JUN-00	B-77 (5.5)	ZN	43.	ppm	MDK	01-SEP-00	6010
L000999-075	27-JUN-00	B-77 (8.5)	ZN	48.	ppm	MDK	01-SEP-00	6010
L000999-076	27-JUN-00	B-77 (11.5)	ZN	62.	ppm	MDK	01-SEP-00	6010
L000999-077	27-JUN-00	B-77 (14.5)	ZN	57.	ppm	MDK	01-SEP-00	6010
L000999-078	27-JUN-00	B-77 (17.5)	ZN	55.	ppm	MDK	01-SEP-00	6010
L000999-079	27-JUN-00	B-77 (19.7-20)	ZN	15.	ppm	MDK	01-SEP-00	6010

(*) Quality control data indicates a possible bias. See QC report for details.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-1		Matrix Spike	AG	114	%Recovery	MDK	01-SEP-00		6010
			AS	93	%Recovery	MDK	01-SEP-00		6010
			BA	101	%Recovery	MDK	01-SEP-00		6010
			BI	107	%Recovery	MDK	01-SEP-00		6010
			CD	89	%Recovery	MDK	01-SEP-00		6010
			CN-	92	%Recovery	DC	07-JUL-00		335.2
			CO	95	%Recovery	MDK	01-SEP-00		6010
			CR	111	%Recovery	MDK	01-SEP-00		6010
			CU	117	%Recovery	MDK	01-SEP-00		6010
			HG	104	%Recovery	EH	17-JUL-00		7471
			MN	119	%Recovery	MDK	01-SEP-00		6010
			NI	96	%Recovery	MDK	01-SEP-00		6010
			PB	94	%Recovery	MDK	01-SEP-00		6010
			SB	49*	%Recovery	MDK	01-SEP-00		6010
			SE	73*	%Recovery	MDK	01-SEP-00		6010
			SN	102	%Recovery	MDK	01-SEP-00		6010
			TL	86	%Recovery	MDK	01-SEP-00		6010
			V	112	%Recovery	MDK	01-SEP-00		6010
			ZN	103	%Recovery	MDK	01-SEP-00		6010
WG000763-2		Prep Blank	AG	<0.5	ppm	MDK	01-SEP-00		6010
			AS	<5.0	ppm	MDK	01-SEP-00		6010
			BA	<5.0	ppm	MDK	01-SEP-00		6010
			BI	<4.0	ppm	MDK	01-SEP-00		6010
			CD	<1.0	ppm	MDK	01-SEP-00		6010
			CN-	<0.04	ppm	DC	07-JUL-00		335.2
			CO	<5.0	ppm	MDK	01-SEP-00		6010
			CR	<5.0	ppm	MDK	01-SEP-00		6010
			CU	<5.0	ppm	MDK	01-SEP-00		6010
			HG	<0.05	ppm	EH	17-JUL-00		7471
			MN	<5.0	ppm	MDK	01-SEP-00		6010
			NI	<5.0	ppm	MDK	01-SEP-00		6010
			PB	<5.0	ppm	MDK	01-SEP-00		6010
			SB	<0.8	ppm	MDK	01-SEP-00		6010
			SE	<0.8	ppm	MDK	01-SEP-00		6010
			SN	<5.0	ppm	MDK	01-SEP-00		6010
			TL	<1.0	ppm	MDK	01-SEP-00		6010
			V	<5.0	ppm	MDK	01-SEP-00		6010
			ZN	<5.0	ppm	MDK	01-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-3		Lab Control Sample	AG	105	%Recovery	MDK	01-SEP-00		6010
			AS	105	%Recovery	MDK	01-SEP-00		6010
			BA	110	%Recovery	MDK	01-SEP-00		6010
			BI	95	%Recovery	MDK	01-SEP-00		6010
			CD	103	%Recovery	MDK	01-SEP-00		6010
			CN-	89	%Recovery	DC	07-JUL-00		335.2
			CO	102	%Recovery	MDK	01-SEP-00		6010
			CR	110	%Recovery	MDK	01-SEP-00		6010
			CU	115	%Recovery	MDK	01-SEP-00		6010
			HG	107	%Recovery	EH	17-JUL-00		7471
			MN	112	%Recovery	MDK	01-SEP-00		6010
			NI	104	%Recovery	MDK	01-SEP-00		6010
			PB	105	%Recovery	MDK	01-SEP-00		6010
			SB	154**	%Recovery	MDK	01-SEP-00		6010
			SE	80	%Recovery	MDK	01-SEP-00		6010
			SN	116	%Recovery	MDK	01-SEP-00		6010
			TL	111	%Recovery	MDK	01-SEP-00		6010
			V	110	%Recovery	MDK	01-SEP-00		6010
			ZN	98	%Recovery	MDK	01-SEP-00		6010
WG000763-5		Matrix Spike Duplicate	AG	1.4	% RPD	MDK	01-SEP-00		6010
			AS	2.3	% RPD	MDK	01-SEP-00		6010
			BA	<1	% RPD	MDK	01-SEP-00		6010
			BI	1.5	% RPD	MDK	01-SEP-00		6010
			CD	3.1	% RPD	MDK	01-SEP-00		6010
			CN-	<1	% RPD	DC	07-JUL-00		335.2
			CO	2.4	% RPD	MDK	01-SEP-00		6010
			CR	2.2	% RPD	MDK	01-SEP-00		6010
			CU	1.2	% RPD	MDK	01-SEP-00		6010
			HG	12	% RPD	EH	17-JUL-00		7471
			MN	<1	% RPD	MDK	01-SEP-00		6010
			NI	2	% RPD	MDK	01-SEP-00		6010
			PB	2.8	% RPD	MDK	01-SEP-00		6010
			SB	2.9	% RPD	MDK	01-SEP-00		6010
			SE	2.5	% RPD	MDK	01-SEP-00		6010
			SN	3.3	% RPD	MDK	01-SEP-00		6010
			TL	1.3	% RPD	MDK	01-SEP-00		6010
			V	1.4	% RPD	MDK	01-SEP-00		6010
			ZN	1.6	% RPD	MDK	01-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-6		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.050	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000763-7		Matrix Spike	AG	117	%Recovery	MDK	01-SEP-00		6010
			AS	94	%Recovery	MDK	01-SEP-00		6010
			BA	102	%Recovery	MDK	01-SEP-00		6010
			BI	111	%Recovery	MDK	01-SEP-00		6010
			CD	88	%Recovery	MDK	01-SEP-00		6010
			CO	96	%Recovery	MDK	01-SEP-00		6010
			CR	109	%Recovery	MDK	01-SEP-00		6010
			CU	130*	%Recovery	MDK	01-SEP-00		6010
			MN	100	%Recovery	MDK	01-SEP-00		6010
			NI	97	%Recovery	MDK	01-SEP-00		6010
			PB	93	%Recovery	MDK	01-SEP-00		6010
			SB	38*	%Recovery	MDK	01-SEP-00		6010
			SE	74*	%Recovery	MDK	01-SEP-00		6010
			SN	102	%Recovery	MDK	01-SEP-00		6010
			TL	89	%Recovery	MDK	01-SEP-00		6010
			V	109	%Recovery	MDK	01-SEP-00		6010
			ZN	102	%Recovery	MDK	01-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-8		Prep Blank	AG	<0.5	ppm	MDK	01-SEP-00		6010
			AS	<5.0	ppm	MDK	01-SEP-00		6010
			BA	<5.0	ppm	MDK	01-SEP-00		6010
			BI	<4.0	ppm	MDK	01-SEP-00		6010
			CD	<1.0	ppm	MDK	01-SEP-00		6010
			CO	<5.0	ppm	MDK	01-SEP-00		6010
			CR	<5.0	ppm	MDK	01-SEP-00		6010
			CU	<5.0	ppm	MDK	01-SEP-00		6010
			MN	<5.0	ppm	MDK	01-SEP-00		6010
			NI	<5.0	ppm	MDK	01-SEP-00		6010
			PB	<5.0	ppm	MDK	01-SEP-00		6010
			SB	<0.8	ppm	MDK	01-SEP-00		6010
			SE	<0.8	ppm	MDK	01-SEP-00		6010
			SN	<5.0	ppm	MDK	01-SEP-00		6010
			TL	<1.0	ppm	MDK	01-SEP-00		6010
			V	<5.0	ppm	MDK	01-SEP-00		6010
			ZN	<5.0	ppm	MDK	01-SEP-00		6010
WG000763-9		Lab Control Sample	AG	119	%Recovery	MDK	01-SEP-00		6010
			AS	111	%Recovery	MDK	01-SEP-00		6010
			BA	122**	%Recovery	MDK	01-SEP-00		6010
			BI	100	%Recovery	MDK	01-SEP-00		6010
			CD	113	%Recovery	MDK	01-SEP-00		6010
			CO	112	%Recovery	MDK	01-SEP-00		6010
			CR	121***	%Recovery	MDK	01-SEP-00		6010
			CU	128***	%Recovery	MDK	01-SEP-00		6010
			HG	111	%Recovery	EH	17-JUL-00		7471
			MN	111	%Recovery	MDK	01-SEP-00		6010
			NI	114	%Recovery	MDK	01-SEP-00		6010
			PB	114	%Recovery	MDK	01-SEP-00		6010
			SB	158**	%Recovery	MDK	01-SEP-00		6010
			SE	84	%Recovery	MDK	01-SEP-00		6010
			SN	121**	%Recovery	MDK	01-SEP-00		6010
			TL	120	%Recovery	MDK	01-SEP-00		6010
			V	126**	%Recovery	MDK	01-SEP-00		6010
			ZN	120	%Recovery	MDK	01-SEP-00		6010
WG000763-11		Matrix Spike Duplicate	AG	<1	% RPD	MDK	01-SEP-00		6010
			AS	1.3	% RPD	MDK	01-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-11		Matrix Spike Duplicate	BA	4.8	% RPD	MDK	01-SEP-00		6010
			BI	1.5	% RPD	MDK	01-SEP-00		6010
			CD	2.2	% RPD	MDK	01-SEP-00		6010
			CO	<1	% RPD	MDK	01-SEP-00		6010
			CR	2.3	% RPD	MDK	01-SEP-00		6010
			CU	1	% RPD	MDK	01-SEP-00		6010
			MN	<1	% RPD	MDK	01-SEP-00		6010
			NI	1.3	% RPD	MDK	01-SEP-00		6010
			PB	<1	% RPD	MDK	01-SEP-00		6010
			SB	6.8	% RPD	MDK	01-SEP-00		6010
			SE	1.3	% RPD	MDK	01-SEP-00		6010
			SN	1.7	% RPD	MDK	01-SEP-00		6010
			TL	1.4	% RPD	MDK	01-SEP-00		6010
			V	<1	% RPD	MDK	01-SEP-00		6010
			ZN	1.8	% RPD	MDK	01-SEP-00		6010
WG000763-13		Matrix Spike	AG	114	%Recovery	MDK	01-SEP-00		6010
			AS	88	%Recovery	MDK	01-SEP-00		6010
			BA	92	%Recovery	MDK	01-SEP-00		6010
			BI	107	%Recovery	MDK	01-SEP-00		6010
			CD	82	%Recovery	MDK	01-SEP-00		6010
			CO	91	%Recovery	MDK	01-SEP-00		6010
			CR	102	%Recovery	MDK	01-SEP-00		6010
			CU	122	%Recovery	MDK	01-SEP-00		6010
			MN	100	%Recovery	MDK	01-SEP-00		6010
			NI	92	%Recovery	MDK	01-SEP-00		6010
			PB	89	%Recovery	MDK	01-SEP-00		6010
			SB	44*	%Recovery	MDK	01-SEP-00		6010
			SE	70*	%Recovery	MDK	01-SEP-00		6010
			SN	97	%Recovery	MDK	01-SEP-00		6010
			TL	85	%Recovery	MDK	01-SEP-00		6010
			V	106	%Recovery	MDK	01-SEP-00		6010
			ZN	94	%Recovery	MDK	01-SEP-00		6010
WG000763-14		Prep Blank	AG	<0.5	ppm	MDK	01-SEP-00		6010
			AS	<5.0	ppm	MDK	01-SEP-00		6010
			BA	<5.0	ppm	MDK	01-SEP-00		6010
			BI	<4.0	ppm	MDK	01-SEP-00		6010
			CD	<1.0	ppm	MDK	01-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-14		Prep Blank	CO	<5.0	ppm	MDK	01-SEP-00		6010
			CR	<5.0	ppm	MDK	01-SEP-00		6010
			CU	<5.0	ppm	MDK	01-SEP-00		6010
			MN	<5.0	ppm	MDK	01-SEP-00		6010
			NI	<5.0	ppm	MDK	01-SEP-00		6010
			PB	<5.0	ppm	MDK	01-SEP-00		6010
			SB	<0.8	ppm	MDK	01-SEP-00		6010
			SE	<0.8	ppm	MDK	01-SEP-00		6010
			SN	<5.0	ppm	MDK	01-SEP-00		6010
			TL	<1.0	ppm	MDK	01-SEP-00		6010
			V	<5.0	ppm	MDK	01-SEP-00		6010
			ZN	<5.0	ppm	MDK	01-SEP-00		6010
WG000763-15		Lab Control Sample	AG	108	%Recovery	MDK	01-SEP-00		6010
			AS	96	%Recovery	MDK	01-SEP-00		6010
			BA	109	%Recovery	MDK	01-SEP-00		6010
			BI	91	%Recovery	MDK	01-SEP-00		6010
			CD	97	%Recovery	MDK	01-SEP-00		6010
			CO	100	%Recovery	MDK	01-SEP-00		6010
			CR	109	%Recovery	MDK	01-SEP-00		6010
			CU	121***	%Recovery	MDK	01-SEP-00		6010
			MN	110	%Recovery	MDK	01-SEP-00		6010
			NI	101	%Recovery	MDK	01-SEP-00		6010
			PB	101	%Recovery	MDK	01-SEP-00		6010
			SB	146**	%Recovery	MDK	01-SEP-00		6010
			SE	76**	%Recovery	MDK	01-SEP-00		6010
			SN	106	%Recovery	MDK	01-SEP-00		6010
			TL	107	%Recovery	MDK	01-SEP-00		6010
			V	112	%Recovery	MDK	01-SEP-00		6010
			ZN	95	%Recovery	MDK	01-SEP-00		6010
WG000763-17		Matrix Spike Duplicate	AG	<1	% RPD	MDK	01-SEP-00		6010
			AS	<1	% RPD	MDK	01-SEP-00		6010
			BA	<1	% RPD	MDK	01-SEP-00		6010
			BI	<1	% RPD	MDK	01-SEP-00		6010
			CD	<1	% RPD	MDK	01-SEP-00		6010
			CO	<1	% RPD	MDK	01-SEP-00		6010
			CR	1.1	% RPD	MDK	01-SEP-00		6010
			CU	<1	% RPD	MDK	01-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-17		Matrix Spike Duplicate	MN	1.7	% RPD	MDK	01-SEP-00		6010
			NI	<1	% RPD	MDK	01-SEP-00		6010
			PB	<1	% RPD	MDK	01-SEP-00		6010
			SB	16	% RPD	MDK	01-SEP-00		6010
			SE	<1	% RPD	MDK	01-SEP-00		6010
			SN	<1	% RPD	MDK	01-SEP-00		6010
			TL	1.9	% RPD	MDK	01-SEP-00		6010
			V	<1	% RPD	MDK	01-SEP-00		6010
			ZN	<1	% RPD	MDK	01-SEP-00		6010
WG000763-19		Matrix Spike	AG	115	%Recovery	MDK	01-SEP-00		6010
			AS	91	%Recovery	MDK	01-SEP-00		6010
			BA	98	%Recovery	MDK	01-SEP-00		6010
			BI	109	%Recovery	MDK	01-SEP-00		6010
			CD	85	%Recovery	MDK	01-SEP-00		6010
			CO	93	%Recovery	MDK	01-SEP-00		6010
			CR	101	%Recovery	MDK	01-SEP-00		6010
			CU	131*	%Recovery	MDK	01-SEP-00		6010
			MN	120	%Recovery	MDK	01-SEP-00		6010
			NI	95	%Recovery	MDK	01-SEP-00		6010
			PB	92	%Recovery	MDK	01-SEP-00		6010
			SB	38*	%Recovery	MDK	01-SEP-00		6010
			SE	72*	%Recovery	MDK	01-SEP-00		6010
			SN	100	%Recovery	MDK	01-SEP-00		6010
			TL	87	%Recovery	MDK	01-SEP-00		6010
			V	102	%Recovery	MDK	01-SEP-00		6010
			ZN	94	%Recovery	MDK	01-SEP-00		6010
WG000763-20		Prep Blank	AG	<0.5	ppm	MDK	01-SEP-00		6010
			AS	<5.0	ppm	MDK	01-SEP-00		6010
			BA	<5.0	ppm	MDK	01-SEP-00		6010
			BI	<4.0	ppm	MDK	01-SEP-00		6010
			CD	<1.0	% RPD	MDK	01-SEP-00		6010
			CO	<5.0	ppm	MDK	01-SEP-00		6010
			CR	<5.0	ppm	MDK	01-SEP-00		6010
			CU	<5.0	ppm	MDK	01-SEP-00		6010
			MN	<5.0	ppm	MDK	01-SEP-00		6010
			NI	<5.0	ppm	MDK	01-SEP-00		6010
			PB	<5.0	ppm	MDK	01-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-20		Prep Blank	SB	<0.8	ppm	MDK	01-SEP-00		6010
			SE	<0.8	ppm	MDK	01-SEP-00		6010
			SN	<5.0	ppm	MDK	01-SEP-00		6010
			TL	<1.0	ppm	MDK	01-SEP-00		6010
			V	<5.0	ppm	MDK	01-SEP-00		6010
			ZN	<5.0	ppm	MDK	01-SEP-00		6010
WG000763-21		Lab Control Sample	AG	109	%Recovery	MDK	01-SEP-00		6010
			AS	101	%Recovery	MDK	01-SEP-00		6010
			BA	116	%Recovery	MDK	01-SEP-00		6010
			BI	95	%Recovery	MDK	01-SEP-00		6010
			CD	102	%Recovery	MDK	01-SEP-00		6010
			CO	102	%Recovery	MDK	01-SEP-00		6010
			CR	114	%Recovery	MDK	01-SEP-00		6010
			CU	131***	%Recovery	MDK	01-SEP-00		6010
			MN	108	%Recovery	MDK	01-SEP-00		6010
			NI	103	%Recovery	MDK	01-SEP-00		6010
			PB	104	%Recovery	MDK	01-SEP-00		6010
			SB	147**	%Recovery	MDK	01-SEP-00		6010
			SE	77**	%Recovery	MDK	01-SEP-00		6010
			SN	109	%Recovery	MDK	01-SEP-00		6010
			TL	113	%Recovery	MDK	01-SEP-00		6010
			V	115	%Recovery	MDK	01-SEP-00		6010
			ZN	102	%Recovery	MDK	01-SEP-00		6010
WG000763-22		Duplicate	MOIST.	<1	% RPD	MJF	15-JUL-00		GRAV.
WG000763-23		Matrix Spike Duplicate	AG	2.5	% RPD	MDK	01-SEP-00		6010
			AS	<1	% RPD	MDK	01-SEP-00		6010
			BA	1.5	% RPD	MDK	01-SEP-00		6010
			BI	<1	% RPD	MDK	01-SEP-00		6010
			CD	<1	% RPD	MDK	01-SEP-00		6010
			CO	<1	% RPD	MDK	01-SEP-00		6010
			CR	2.7	% RPD	MDK	01-SEP-00		6010
			CU	2	% RPD	MDK	01-SEP-00		6010
			MN	4.4	% RPD	MDK	01-SEP-00		6010
			NI	<1	% RPD	MDK	01-SEP-00		6010
			PB	<1	% RPD	MDK	01-SEP-00		6010
			SB	19	% RPD	MDK	01-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000763

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000763-23		Matrix Spike Duplicate	SE	1.6	% RPD	MDK	01-SEP-00		6010
			SN	2.4	% RPD	MDK	01-SEP-00		6010
			TL	2.3	% RPD	MDK	01-SEP-00		6010
			V	2.9	% RPD	MDK	01-SEP-00		6010
			ZN	1.2	% RPD	MDK	01-SEP-00		6010

* Spikes outside acceptance limits due to matrix interference.
** LCS within ERA (244), 95% confidence interval.
*** LCS within 20% of actual concentration.

Approved

Reviewer

ASARCO

September 26, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (34), thirty four soil samples collected on June 22, 2000, in association with the Encycle Project # CC00064.0001 and received by the laboratory on June 23, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001065

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001065-001	22-JUN-00	B53 (2-2.5)	AG	<0.5	ppm	MDK	17-AUG-00	6010
			CD	1055.	ppm	MDK	17-AUG-00	6010
			CO	6.	ppm	MDK	17-AUG-00	6010
			CR	12.	ppm	MDK	17-AUG-00	6010
			CU	12.	ppm	MDK	17-AUG-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	430.	ppm	MDK	17-AUG-00	6010
			MOIST.	21.	%	MJF	15-JUL-00	GRAV.
			PB	13.	ppm	MDK	17-AUG-00	6010
			SB	2.*	ppm	MDK	17-AUG-00	6010
			SN	<5.	ppm	MDK	17-AUG-00	6010
			ZN	15330.	ppm	MDK	25-SEP-00	6010
L001065-002	22-JUN-00	B53 (5.5)	CD	16.	ppm	MDK	17-AUG-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	232.	ppm	MDK	17-AUG-00	6010
			MOIST.	15.	%	MJF	15-JUL-00	GRAV.
			SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	172.	ppm	MDK	17-AUG-00	6010
L001065-003	22-JUN-00	B53 (8.5)	CD	1.	ppm	MDK	17-AUG-00	6010
			SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	36.	ppm	MDK	17-AUG-00	6010
L001065-004	22-JUN-00	B53 (11.5)	SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	29.	ppm	MDK	17-AUG-00	6010
L001065-005	22-JUN-00	B53 (14.5)	SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	29.	ppm	MDK	17-AUG-00	6010
L001065-006	22-JUN-00	B53 (17.5-18)	SB	<0.8*	ppm	MDK	17-AUG-00	6010
			ZN	12.	ppm	MDK	17-AUG-00	6010
L001065-007	22-JUN-00	B54 (2-2.5)	MN	401.	ppm	MDK	17-AUG-00	6010
			SB	2.*	ppm	MDK	17-AUG-00	6010
			SE	<0.8	ppm	MDK	17-AUG-00	6010
			ZN	42.	ppm	MDK	17-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001065

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001065-009	22-JUN-00	B54 (5.5)	MN	155.	ppm	MDK	17-AUG-00	6010
			SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	50.	ppm	MDK	17-AUG-00	6010
L001065-010	22-JUN-00	B54 (8.5)	SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	20.	ppm	MDK	17-AUG-00	6010
L001065-011	22-JUN-00	B54 (11.5)	SB	<0.8*	ppm	MDK	17-AUG-00	6010
			ZN	18.	ppm	MDK	17-AUG-00	6010
L001065-012	22-JUN-00	B54 (14-15)	ZN	11.	ppm	MDK	17-AUG-00	6010
L001065-013	22-JUN-00	B85 (2-2.5)	AG	<0.5	ppm	MDK	17-AUG-00	6010
			AS	<5.	ppm	MDK	17-AUG-00	6010
			CD	2.	ppm	MDK	17-AUG-00	6010
			CN-	<0.04	ppm	DC	07-JUL-00	335.2
			CO	5.	ppm	MDK	17-AUG-00	6010
			CR	11.	ppm	MDK	17-AUG-00	6010
			CU	9.	ppm	MDK	17-AUG-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MN	327.	ppm	MDK	17-AUG-00	6010
			MOIST.	20.	%	MJF	15-JUL-00	GRAV.
			NI	10.	ppm	MDK	17-AUG-00	6010
			PB	23.	ppm	MDK	17-AUG-00	6010
			SB	1.*	ppm	MDK	17-AUG-00	6010
			SE	<0.8	ppm	MDK	17-AUG-00	6010
			SN	<5.	ppm	MDK	17-AUG-00	6010
			ZN	149.	ppm	MDK	17-AUG-00	6010
L001065-014	22-JUN-00	B85 (5.5)	HG	<0.05	ppm	EH	17-JUL-00	7471
			MOIST.	22.	%	MJF	15-JUL-00	GRAV.
			SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	2480.	ppm	MDK	17-AUG-00	6010
L001065-015	22-JUN-00	B85 (8.5)	SB	<0.8*	ppm	MDK	17-AUG-00	6010
			ZN	745.	ppm	MDK	17-AUG-00	6010
L001065-016	22-JUN-00	B85 (11.5)	ZN	1040.	ppm	MDK	17-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001065

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001065-017	22-JUN-00	B85 (14.5)	ZN	31.	ppm	MDK	17-AUG-00	6010
L001065-018	22-JUN-00	B85 (17.5-18)	ZN	24.	ppm	MDK	17-AUG-00	6010
L001065-019	22-JUN-00	B87 (2-2.5)	AG	1.	ppm	MDK	17-AUG-00	6010
			CD	39.	ppm	MDK	17-AUG-00	6010
			CO	6.	ppm	MDK	17-AUG-00	6010
			CR	12.	ppm	MDK	17-AUG-00	6010
			MN	805.	ppm	MDK	17-AUG-00	6010
			SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	3500.	ppm	MDK	17-AUG-00	6010
L001065-020	22-JUN-00	B87 (5.5)	AG	<0.5	ppm	MDK	17-AUG-00	6010
			CD	1.	ppm	MDK	17-AUG-00	6010
			MN	312.	ppm	MDK	17-AUG-00	6010
			SB	<0.8*	ppm	MDK	17-AUG-00	6010
			ZN	134.	ppm	MDK	17-AUG-00	6010
L001065-021	22-JUN-00	B87 (8.5)	ZN	93.	ppm	MDK	17-AUG-00	6010
L001065-022	22-JUN-00	B87 (11.5)	ZN	51.	ppm	MDK	17-AUG-00	6010
L001065-023	22-JUN-00	B87 (14.5)	ZN	27.	ppm	MDK	17-AUG-00	6010
L001065-024	22-JUN-00	B87 (16-16.5)	ZN	29.	ppm	MDK	17-AUG-00	6010
L001065-025	22-JUN-00	B46 (2-2.5)	CD	7.	ppm	MDK	17-AUG-00	6010
			HG	<0.05	ppm	EH	17-JUL-00	7471
			MOIST.	17.	%	MJF	15-JUL-00	GRAV.
			SB	<0.8*	ppm	MDK	17-AUG-00	6010
			TL	1.	ppm	MDK	17-AUG-00	6010
			ZN	55.	ppm	MDK	17-AUG-00	6010
L001065-026	22-JUN-00	B46 (5.5)	CD	<1.	ppm	MDK	17-AUG-00	6010
			MOIST.	18.	%	MJF	15-JUL-00	GRAV.
			ZN	37.	ppm	MDK	17-AUG-00	6010
L001065-027	22-JUN-00	B46 (8.5)	ZN	38.	ppm	MDK	17-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001065

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001065-028	22-JUN-00	B46 (11.5)	ZN	26.	ppm	MDK	17-AUG-00	6010
L001065-029	22-JUN-00	B46 (14.5)	ZN	26.	ppm	MDK	17-AUG-00	6010
L001065-030	22-JUN-00	B46 (16-16.5)	ZN	18.	ppm	MDK	17-AUG-00	6010
L001065-031	22-JUN-00	B47 (2-2.5)	CD	<1.	ppm	MDK	17-AUG-00	6010
			CR	15.	ppm	MDK	17-AUG-00	6010
			SB	<0.8*	ppm	MDK	17-AUG-00	6010
			ZN	41.	ppm	MDK	17-AUG-00	6010
L001065-032	22-JUN-00	B47 (5.5)	CR	10.	ppm	MDK	17-AUG-00	6010
			ZN	35.	ppm	MDK	17-AUG-00	6010
L001065-033	22-JUN-00	B47 (8.5)	ZN	35.	ppm	MDK	17-AUG-00	6010
L001065-034	22-JUN-00	B47 (11.5)	ZN	27.	ppm	MDK	17-AUG-00	6010

(*) Quality control data indicate a possible bias. See QC report for details.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000732

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000732-1		Matrix Spike	AG	112	%Recovery	MDK	17-AUG-00		6010
			AS	94	%Recovery	MDK	17-AUG-00		6010
			BA	97	%Recovery	MDK	17-AUG-00		6010
			BI	97	%Recovery	MDK	17-AUG-00		6010
			CD	92	%Recovery	MDK	17-AUG-00		6010
			CN-	92	%Recovery	DC	07-JUL-00		335.2
			CO	94	%Recovery	MDK	17-AUG-00		6010
			CR	114	%Recovery	MDK	17-AUG-00		6010
			CU	111	%Recovery	MDK	17-AUG-00		6010
			HG	104	%Recovery	EH	17-JUL-00		7471
			MN	121	%Recovery	MDK	17-AUG-00		6010
			NI	96	%Recovery	MDK	17-AUG-00		6010
			PB	93	%Recovery	MDK	17-AUG-00		6010
			SB	62*	%Recovery	MDK	17-AUG-00		6010
			SE	80	%Recovery	MDK	17-AUG-00		6010
			SN	95	%Recovery	MDK	17-AUG-00		6010
			TL	84	%Recovery	MDK	17-AUG-00		6010
			V	109	%Recovery	MDK	17-AUG-00		6010
			ZN	105	%Recovery	MDK	17-AUG-00		6010
WG000732-2		Prep Blank	AG	<0.5	ppm	MDK	17-AUG-00		6010
			AS	<5.0	ppm	MDK	17-AUG-00		6010
			BA	<5.0	ppm	MDK	17-AUG-00		6010
			BI	<4.0	ppm	MDK	17-AUG-00		6010
			CD	<1.0	ppm	MDK	17-AUG-00		6010
			CN-	<0.04	ppm	DC	07-JUL-00		335.2
			CO	<5.0	ppm	MDK	17-AUG-00		6010
			CR	<5.0	ppm	MDK	17-AUG-00		6010
			CU	<5.0	ppm	MDK	17-AUG-00		6010
			HG	<0.05	ppm	EH	17-JUL-00		7471
			MN	<5.0	ppm	MDK	17-AUG-00		6010
			NI	<5.0	ppm	MDK	17-AUG-00		6010
			PB	<5.0	ppm	MDK	17-AUG-00		6010
			SB	<0.8	ppm	MDK	17-AUG-00		6010
			SE	<0.8	ppm	MDK	17-AUG-00		6010
			SN	<5.0	ppm	MDK	17-AUG-00		6010
			TL	<1.0	ppm	MDK	17-AUG-00		6010
			V	<5.0	ppm	MDK	17-AUG-00		6010
			ZN	<5.0	ppm	MDK	17-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000732

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000732-3		Lab Control Sample	AG	99	%Recovery	MDK	17-AUG-00		6010
			AS	94	%Recovery	MDK	17-AUG-00		6010
			BA	95	%Recovery	MDK	17-AUG-00		6010
			BI	92	%Recovery	MDK	17-AUG-00		6010
			CD	94	%Recovery	MDK	17-AUG-00		6010
			CN-	89	%Recovery	DC	07-JUL-00		335.2
			CO	93	%Recovery	MDK	17-AUG-00		6010
			CR	94	%Recovery	MDK	17-AUG-00		6010
			CU	98	%Recovery	MDK	17-AUG-00		6010
			HG	91	%Recovery	EH	17-JUL-00		7471
			MN	92	%Recovery	MDK	17-AUG-00		6010
			NI	111	%Recovery	MDK	17-AUG-00		6010
			PB	96	%Recovery	MDK	17-AUG-00		6010
			SB	117	%Recovery	MDK	17-AUG-00		6010
			SE	81	%Recovery	MDK	17-AUG-00		6010
			SN	101	%Recovery	MDK	17-AUG-00		6010
			TL	97	%Recovery	MDK	17-AUG-00		6010
			V	99	%Recovery	MDK	17-AUG-00		6010
			ZN	94	%Recovery	MDK	17-AUG-00		6010
WG000732-4		Duplicate	MOIST.	<1	% RPD		15-JUL-00		GRAV.
WG000732-5		Matrix Spike Duplicate	AG	1.4	% RPD	MDK	17-AUG-00		6010
			AS	1.1	% RPD	MDK	17-AUG-00		6010
			BA	2	% RPD	MDK	17-AUG-00		6010
			BI	<1	% RPD	MDK	17-AUG-00		6010
			CD	3.2	% RPD	MDK	17-AUG-00		6010
			CN-	<1	% RPD	DC	07-JUL-00		335.2
			CO	2.3	% RPD	MDK	17-AUG-00		6010
			CR	1.5	% RPD	MDK	17-AUG-00		6010
			CU	1.8	% RPD	MDK	17-AUG-00		6010
			HG	12	% RPD	EH	17-JUL-00		7471
			MN	<1	% RPD	MDK	17-AUG-00		6010
			NI	2.3	% RPD	MDK	17-AUG-00		6010
			PB	<1	% RPD	MDK	17-AUG-00		6010
			SB	<1	% RPD	MDK	17-AUG-00		6010
			SE	<1	% RPD	MDK	17-AUG-00		6010
			SN	<1	% RPD	MDK	17-AUG-00		6010
			TL	1.3	% RPD	MDK	17-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000732

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000732-5		Matrix Spike Duplicate	V	1.3	% RPD	MDK	17-AUG-00		6010
			ZN	<1	% RPD	MDK	17-AUG-00		6010
WG000732-6		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CN-	0.04	ppm				335.2
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000732-7		Matrix Spike	AG	109	%Recovery	MDK	17-AUG-00		6010
			AS	92	%Recovery	MDK	17-AUG-00		6010
			BA	93	%Recovery	MDK	17-AUG-00		6010
			BI	96	%Recovery	MDK	17-AUG-00		6010
			CD	93	%Recovery	MDK	17-AUG-00		6010
			CO	90	%Recovery	MDK	17-AUG-00		6010
			CR	108	%Recovery	MDK	17-AUG-00		6010
			CU	107	%Recovery	MDK	17-AUG-00		6010
			MN	124	%Recovery	MDK	17-AUG-00		6010
			NI	92	%Recovery	MDK	17-AUG-00		6010
			PB	90	%Recovery	MDK	17-AUG-00		6010
			SB	60*	%Recovery	MDK	17-AUG-00		6010
			SE	78	%Recovery	MDK	17-AUG-00		6010
			SN	94	%Recovery	MDK	17-AUG-00		6010
			TL	83	%Recovery	MDK	17-AUG-00		6010
			V	107	%Recovery	MDK	17-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000732

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000732-7		Matrix Spike	ZN	102	%Recovery	MDK	17-AUG-00		6010
WG000732-8		Prep Blank	AG	<0.5	ppm	MDK	17-AUG-00		6010
			AS	<5.0	ppm	MDK	17-AUG-00		6010
			BA	<5.0	ppm	MDK	17-AUG-00		6010
			BI	<4.0	ppm	MDK	17-AUG-00		6010
			CD	<1.0	ppm	MDK	17-AUG-00		6010
			CO	<5.0	ppm	MDK	17-AUG-00		6010
			CR	<5.0	ppm	MDK	17-AUG-00		6010
			CU	<5.0	ppm	MDK	17-AUG-00		6010
			MN	<5.0	ppm	MDK	17-AUG-00		6010
			NI	<5.0	ppm	MDK	17-AUG-00		6010
			PB	<5.0	ppm	MDK	17-AUG-00		6010
			SB	<0.8	ppm	MDK	17-AUG-00		6010
			SE	<0.8	ppm	MDK	17-AUG-00		6010
			SN	<5.0	ppm	MDK	17-AUG-00		6010
			TL	<1.0	ppm	MDK	17-AUG-00		6010
			V	<5.0	ppm	MDK	17-AUG-00		6010
			ZN	<5.0	ppm	MDK	17-AUG-00		6010
WG000732-9		Lab Control Sample	AG	104	%Recovery	MDK	17-AUG-00		6010
			AS	97	%Recovery	MDK	17-AUG-00		6010
			BA	101	%Recovery	MDK	17-AUG-00		6010
			BI	91	%Recovery	MDK	17-AUG-00		6010
			CD	100	%Recovery	MDK	17-AUG-00		6010
			CO	98	%Recovery	MDK	17-AUG-00		6010
			CR	100	%Recovery	MDK	17-AUG-00		6010
			CU	106	%Recovery	MDK	17-AUG-00		6010
			MN	99	%Recovery	MDK	17-AUG-00		6010
			NI	100	%Recovery	MDK	17-AUG-00		6010
			PB	100	%Recovery	MDK	17-AUG-00		6010
			SB	120	%Recovery	MDK	17-AUG-00		6010
			SE	84	%Recovery	MDK	17-AUG-00		6010
			SN	106	%Recovery	MDK	17-AUG-00		6010
			TL	101	%Recovery	MDK	17-AUG-00		6010
			V	105	%Recovery	MDK	17-AUG-00		6010
			ZN	97	%Recovery	MDK	17-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000732

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000732-11		Matrix Spike Duplicate	AG	1.1	% RPD	MDK	17-AUG-00		6010
			AS	1.8	% RPD	MDK	17-AUG-00		6010
			BA	1.9	% RPD	MDK	17-AUG-00		6010
			BI	<1	% RPD	MDK	17-AUG-00		6010
			CD	5.1	% RPD	MDK	17-AUG-00		6010
			CO	1.2	% RPD	MDK	17-AUG-00		6010
			CR	3.6	% RPD	MDK	17-AUG-00		6010
			CU	<1	% RPD	MDK	17-AUG-00		6010
			MN	2.2	% RPD	MDK	17-AUG-00		6010
			NI	2.1	% RPD	MDK	17-AUG-00		6010
			PB	2.1	% RPD	MDK	17-AUG-00		6010
			SB	<1	% RPD	MDK	17-AUG-00		6010
			SE	2.6	% RPD	MDK	17-AUG-00		6010
			SN	1.6	% RPD	MDK	17-AUG-00		6010
			TL	1	% RPD	MDK	17-AUG-00		6010
			V	2.9	% RPD	MDK	17-AUG-00		6010
			ZN	2.4	% RPD	MDK	17-AUG-00		6010

* Spikes for Sb were outside acceptance limits due to matrix interference.

Approved

Reviewer

ASARCO

September 26, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (36), thirty six soil samples collected on June 16, 2000, in association with the Encycle Project # CC00064.0001 and received by the laboratory on June 20, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001027

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001027-001	16-JUN-00	B-139 (2-2.5)	AG	<0.5	ppm	MDK	17-AUG-00	6010
			CR	14.*	ppm	MDK	17-AUG-00	6010
			SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	48.	ppm	MDK	17-AUG-00	6010
L001027-002	16-JUN-00	B-139 (5.5)	SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	50.	ppm	MDK	17-AUG-00	6010
L001027-003	16-JUN-00	B-139 (8.5)	SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	42.	ppm	MDK	17-AUG-00	6010
L001027-004	16-JUN-00	B-139 (11.5)	SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	45.	ppm	MDK	17-AUG-00	6010
L001027-005	16-JUN-00	B-139 (14.5)	SB	1.*	ppm	MDK	17-AUG-00	6010
			ZN	49.	ppm	MDK	17-AUG-00	6010
L001027-006	16-JUN-00	B-139 (17.5)	SB	2.*	ppm	MDK	17-AUG-00	6010
			ZN	62.	ppm	MDK	17-AUG-00	6010
L001027-007	16-JUN-00	B-139 (20.5)	SB	<0.8*	ppm	MDK	17-AUG-00	6010
			ZN	53.	ppm	MDK	17-AUG-00	6010
L001027-009	16-JUN-00	B-133 (2-2.5)	AG	1.	ppm	MDK	17-AUG-00	6010
			BA	486.	ppm	MDK	17-AUG-00	6010
			CR	64.*	ppm	MDK	17-AUG-00	6010
			NI	32.*	ppm	MDK	17-AUG-00	6010
			SB	<0.8*	ppm	MDK	17-AUG-00	6010
			TL	2.	ppm	MDK	17-AUG-00	6010
			ZN	16.	ppm	MDK	17-AUG-00	6010
L001027-010	16-JUN-00	B-136 (2-2.5)	AG	1.	ppm	MDK	17-AUG-00	6010
			CR	35.*	ppm	MDK	17-AUG-00	6010
			HG	0.13*	ppm	VPK	07-JUL-00	7471
			SB	<0.8*	ppm	MDK	17-AUG-00	6010
			ZN	276.	ppm	MDK	17-AUG-00	6010
L001027-011	16-JUN-00	B-131 (2-2.5)	AG	<0.5	ppm	MDK	17-AUG-00	6010
			CO	7.	ppm	MDK	17-AUG-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001027

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD

(*) Quality control data indicates a possible bias. See QC report for details.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000731

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000731-1		Matrix Spike	AG	108	%Recovery	MDK	17-AUG-00		6010
			AS	97	%Recovery	MDK	17-AUG-00		6010
			BA	94	%Recovery	MDK	17-AUG-00		6010
			BI	98	%Recovery	MDK	17-AUG-00		6010
			CD	92	%Recovery	MDK	17-AUG-00		6010
			CO	91	%Recovery	MDK	17-AUG-00		6010
			CR	177*	%Recovery	MDK	17-AUG-00		6010
			CU	111	%Recovery	MDK	17-AUG-00		6010
			HG	112	%Recovery	VPK	07-JUL-00		7471
			MN	101	%Recovery	MDK	17-AUG-00		6010
			NI	111	%Recovery	MDK	17-AUG-00		6010
			PB	95	%Recovery	MDK	17-AUG-00		6010
			SB	62*	%Recovery	MDK	17-AUG-00		6010
			SE	82	%Recovery	MDK	17-AUG-00		6010
			SN	97	%Recovery	MDK	17-AUG-00		6010
			TL	84	%Recovery	MDK	17-AUG-00		6010
			V	99	%Recovery	MDK	17-AUG-00		6010
			ZN	102	%Recovery	MDK	17-AUG-00		6010
WG000731-2		Prep Blank	AG	<0.5	ppm	MDK	17-AUG-00		6010
			AS	<5.0	ppm	MDK	17-AUG-00		6010
			BA	<5.0	ppm	MDK	17-AUG-00		6010
			BI	<4.0	ppm	MDK	17-AUG-00		6010
			CD	<1.0	ppm	MDK	17-AUG-00		6010
			CO	<5.0	ppm	MDK	17-AUG-00		6010
			CR	<5.0	ppm	MDK	17-AUG-00		6010
			CU	<5.0	ppm	MDK	17-AUG-00		6010
			HG	<0.05	ppm	VPK	07-JUL-00		7471
			MN	<5.0	ppm	MDK	17-AUG-00		6010
			NI	<5.0	ppm	MDK	17-AUG-00		6010
			PB	<5.0	ppm	MDK	17-AUG-00		6010
			SB	<0.8	ppm	MDK	17-AUG-00		6010
			SE	<0.8	ppm	MDK	17-AUG-00		6010
			SN	<5.0	ppm	MDK	17-AUG-00		6010
			TL	1.9	ppm	MDK	17-AUG-00		6010
			V	<5.0	ppm	MDK	17-AUG-00		6010
			ZN	<5.0	ppm	MDK	17-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000731

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000731-3		Lab Control Sample	AG	102	%Recovery	MDK	17-AUG-00		6010
			AS	97	%Recovery	MDK	17-AUG-00		6010
			BA	97	%Recovery	MDK	17-AUG-00		6010
			BI	98	%Recovery	MDK	17-AUG-00		6010
			CD	97	%Recovery	MDK	17-AUG-00		6010
			CO	99	%Recovery	MDK	17-AUG-00		6010
			CR	97	%Recovery	MDK	17-AUG-00		6010
			CU	104	%Recovery	MDK	17-AUG-00		6010
			HG	124**	%Recovery	VPK	07-JUL-00		7471
			MN	102	%Recovery	MDK	17-AUG-00		6010
			NI	100	%Recovery	MDK	17-AUG-00		6010
			PB	99	%Recovery	MDK	17-AUG-00		6010
			SB	121**	%Recovery	MDK	17-AUG-00		6010
			SE	85	%Recovery	MDK	17-AUG-00		6010
			SN	111	%Recovery	MDK	17-AUG-00		6010
			TL	99	%Recovery	MDK	17-AUG-00		6010
			V	98	%Recovery	MDK	17-AUG-00		6010
			ZN	96	%Recovery	MDK	17-AUG-00		6010
WG000731-5		Matrix Spike Duplicate	AG	<1	% RPD	MDK	17-AUG-00		6010
			AS	2.4	% RPD	MDK	17-AUG-00		6010
			BA	2.3	% RPD	MDK	17-AUG-00		6010
			BI	2.3	% RPD	MDK	17-AUG-00		6010
			CD	2.9	% RPD	MDK	17-AUG-00		6010
			CO	<1	% RPD	MDK	17-AUG-00		6010
			CR	5.1	% RPD	MDK	17-AUG-00		6010
			CU	<1	% RPD	MDK	17-AUG-00		6010
			HG	28***	% RPD	VPK	07-JUL-00		7471
			MN	1.6	% RPD	MDK	17-AUG-00		6010
			NI	5.3	% RPD	MDK	17-AUG-00		6010
			PB	3.1	% RPD	MDK	17-AUG-00		6010
			SB	7.1	% RPD	MDK	17-AUG-00		6010
			SE	2.4	% RPD	MDK	17-AUG-00		6010
			SN	1.5	% RPD	MDK	17-AUG-00		6010
			TL	<1	% RPD	MDK	17-AUG-00		6010
			V	1.1	% RPD	MDK	17-AUG-00		6010
			ZN	3.6	% RPD	MDK	17-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000731

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000731-6		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010
WG000731-7		Matrix Spike	AG	100	%Recovery	MDK	17-AUG-00		6010
			AS	90	%Recovery	MDK	17-AUG-00		6010
			BA	92	%Recovery	MDK	17-AUG-00		6010
			BI	99	%Recovery	MDK	17-AUG-00		6010
			CD	90	%Recovery	MDK	17-AUG-00		6010
			CO	93	%Recovery	MDK	17-AUG-00		6010
			CR	307*	%Recovery	MDK	17-AUG-00		6010
			CU	104	%Recovery	MDK	17-AUG-00		6010
			MN	108	%Recovery	MDK	17-AUG-00		6010
			NI	130*	%Recovery	MDK	17-AUG-00		6010
			PB	93	%Recovery	MDK	17-AUG-00		6010
			SB	73*	%Recovery	MDK	17-AUG-00		6010
			SE	76	%Recovery	MDK	17-AUG-00		6010
			SN	96	%Recovery	MDK	17-AUG-00		6010
			TL	86	%Recovery	MDK	17-AUG-00		6010
			V	101	%Recovery	MDK	17-AUG-00		6010
			ZN	90	%Recovery	MDK	17-AUG-00		6010
WG000731-8		Prep Blank	AG	<0.5	ppm	MDK	17-AUG-00		6010
			AS	<5.0	ppm	MDK	17-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000731

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000731-8		Prep Blank	BA	<5.0	ppm	MDK	17-AUG-00		6010
			BI	<4.0	ppm	MDK	17-AUG-00		6010
			CD	<1.0	ppm	MDK	17-AUG-00		6010
			CO	<5.0	ppm	MDK	17-AUG-00		6010
			CR	<5.0	ppm	MDK	17-AUG-00		6010
			CU	<5.0	ppm	MDK	17-AUG-00		6010
			MN	<5.0	ppm	MDK	17-AUG-00		6010
			NI	<5.0	ppm	MDK	17-AUG-00		6010
			PB	<5.	ppm	MDK	17-AUG-00		6010
			SB	<0.8	ppm	MDK	17-AUG-00		6010
			SE	<0.8	ppm	MDK	17-AUG-00		6010
			SN	<5.0	ppm	MDK	17-AUG-00		6010
			TL	<1	ppm	MDK	17-AUG-00		6010
			V	<5.0	ppm	MDK	17-AUG-00		6010
			ZN	<5.0	ppm	MDK	17-AUG-00		6010
WG000731-9		Lab Control Sample	AG	105	%Recovery	MDK	17-AUG-00		6010
			AS	101	%Recovery	MDK	17-AUG-00		6010
			BA	105	%Recovery	MDK	17-AUG-00		6010
			BI	95	%Recovery	MDK	17-AUG-00		6010
			CD	102	%Recovery	MDK	17-AUG-00		6010
			CO	101	%Recovery	MDK	17-AUG-00		6010
			CR	104	%Recovery	MDK	17-AUG-00		6010
			CU	108	%Recovery	MDK	17-AUG-00		6010
			MN	100	%Recovery	MDK	17-AUG-00		6010
			NI	103	%Recovery	MDK	17-AUG-00		6010
			PB	104	%Recovery	MDK	17-AUG-00		6010
			SB	135**	%Recovery	MDK	17-AUG-00		6010
			SE	87	%Recovery	MDK	17-AUG-00		6010
			SN	110	%Recovery	MDK	17-AUG-00		6010
			TL	106	%Recovery	MDK	17-AUG-00		6010
			V	106	%Recovery	MDK	17-AUG-00		6010
			ZN	97	%Recovery	MDK	17-AUG-00		6010
WG000731-11		Matrix Spike Duplicate	AG	<1	% RPD	MDK	17-AUG-00		6010
			AS	2	% RPD	MDK	17-AUG-00		6010
			BA	<1	% RPD	MDK	17-AUG-00		6010
			BI	3.2	% RPD	MDK	17-AUG-00		6010
			CD	<1	% RPD	MDK	17-AUG-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000731

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000731-11		Matrix Spike Duplicate	CO	<1	% RPD	MDK	17-AUG-00		6010
			CR	3.3	% RPD	MDK	17-AUG-00		6010
			CU	1.2	% RPD	MDK	17-AUG-00		6010
			MN	3.4	% RPD	MDK	17-AUG-00		6010
			NI	<1	% RPD	MDK	17-AUG-00		6010
			PB	2	% RPD	MDK	17-AUG-00		6010
			SB	5.2	% RPD	MDK	17-AUG-00		6010
			SE	1.1	% RPD	MDK	17-AUG-00		6010
			SN	1.6	% RPD	MDK	17-AUG-00		6010
			TL	1	% RPD	MDK	17-AUG-00		6010
			V	<1	% RPD	MDK	17-AUG-00		6010
			ZN	<1	% RPD	MDK	17-AUG-00		6010

* Spikes outside acceptance limits due to matrix interference.
** LCS for Sb and Hg is within ERA (244), 95% confidence interval.
*** Duplicate Spike recovery for Hg was out of range due to non-homogeneity of spiked sample.

Approved

Reviewer

ASARCO

September 26, 2000

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (17), seventeen soil samples collected on June 30, 2000, in association with the Encycle Project # CC00064.0001 and received by the laboratory on July 6, 2000.

Please note that CN- and Hg were analyzed on the samples as received, while all other metals were analyzed on dried samples.

If you need further information, please call (801) 263-5266.

Sincerely,

Adil Harami
Senior Chemist

Attach.

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001039

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001039-001	30-JUN-00	B122 (0-0.5)	AG	1.	ppm	MDK	02-SEP-00	6010
			AS	<5.	ppm	MDK	02-SEP-00	6010
			CD	23.	ppm	MDK	02-SEP-00	6010
			CR	16.	ppm	MDK	02-SEP-00	6010
			CU	56.*	ppm	MDK	02-SEP-00	6010
			HG	0.38*	ppm	EH	27-JUL-00	7471
			MN	442.	ppm	MDK	02-SEP-00	6010
			MOIST.	16.	%	DC	19-JUL-00	GRAV.
			PB	118.	ppm	MDK	02-SEP-00	6010
			SB	4.*	ppm	MDK	02-SEP-00	6010
			SE	1.*	ppm	MDK	02-SEP-00	6010
			SN	5.	ppm	MDK	02-SEP-00	6010
			ZN	1560.	ppm	MDK	02-SEP-00	6010
L001039-002	30-JUN-00	B122 (2-2.5)	CD	1.	ppm	MDK	02-SEP-00	6010
			CR	16.	ppm	MDK	02-SEP-00	6010
			CU	14.*	ppm	MDK	02-SEP-00	6010
			HG	<0.05*	ppm	EH	27-JUL-00	7471
			MN	385.	ppm	MDK	02-SEP-00	6010
			MOIST.	20.	%	DC	19-JUL-00	GRAV.
			SB	3.*	ppm	MDK	02-SEP-00	6010
			V	18.	ppm	MDK	02-SEP-00	6010
			ZN	71.	ppm	MDK	02-SEP-00	6010
L001039-003	30-JUN-00	B122 (5.5)	CD	<1.	ppm	MDK	02-SEP-00	6010
			CR	17.	ppm	MDK	02-SEP-00	6010
			HG	<0.05*	ppm	EH	27-JUL-00	7471
			MOIST.	25.	%	DC	19-JUL-00	GRAV.
			SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	54.	ppm	MDK	02-SEP-00	6010
L001039-004	30-JUN-00	B122 (8.5)	SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	52.	ppm	MDK	02-SEP-00	6010
L001039-005	30-JUN-00	B122 (11.5)	CO	9.	ppm	MDK	02-SEP-00	6010
			MN	464.	ppm	MDK	02-SEP-00	6010
			SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	61.	ppm	MDK	02-SEP-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001039

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001039-006	30-JUN-00	B122 (14.5)	SB	3.*	ppm	MDK	02-SEP-00	6010
			TL	<1.*	ppm	MDK	02-SEP-00	6010
			ZN	56.	ppm	MDK	02-SEP-00	6010
L001039-007	30-JUN-00	B122 (17.5)	SB	3.*	ppm	MDK	02-SEP-00	6010
			TL	<1.	ppm	MDK	02-SEP-00	6010
			ZN	62.	ppm	MDK	02-SEP-00	6010
L001039-008	30-JUN-00	B122 (20.5)	SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	47.	ppm	MDK	02-SEP-00	6010
L001039-009	30-JUN-00	B122 (23-23.5)	SB	2.*	ppm	MDK	02-SEP-00	6010
			ZN	29.	ppm	MDK	02-SEP-00	6010
L001039-010	30-JUN-00	B123 (0-0.5)	AG	1.	ppm	MDK	02-SEP-00	6010
			CD	27.	ppm	MDK	02-SEP-00	6010
			CR	15.	ppm	MDK	02-SEP-00	6010
			CU	86.*	ppm	MDK	02-SEP-00	6010
			HG	0.74*	ppm	EH	27-JUL-00	7471
			MN	319.	ppm	MDK	02-SEP-00	6010
			MOIST.	19.	%	DC	19-JUL-00	GRAV.
			PB	189.	ppm	MDK	02-SEP-00	6010
			SB	4.*	ppm	MDK	02-SEP-00	6010
			SE	<0.8*	ppm	MDK	02-SEP-00	6010
			ZN	1750.	ppm	MDK	02-SEP-00	6010
L001039-011	30-JUN-00	B123 (2-2.5)	CR	14.	ppm	MDK	02-SEP-00	6010
			HG	<0.05*	ppm	EH	27-JUL-00	7471
			MN	407.	ppm	MDK	02-SEP-00	6010
			MOIST.	22.	%	DC	19-JUL-00	GRAV.
			SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	70.	ppm	MDK	02-SEP-00	6010
L001039-012	30-JUN-00	B123 (5.5)	CR	17.	ppm	MDK	02-SEP-00	6010
			HG	<0.05*	ppm	EH	27-JUL-00	7471
			MOIST.	22.	%	DC	19-JUL-00	GRAV.
			SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	52.	ppm	MDK	02-SEP-00	6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: L001039

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L001039-013	30-JUN-00	B123 (8.5)	SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	52.	ppm	MDK	02-SEP-00	6010
L001039-014	30-JUN-00	B123 (11.5)	SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	60.	ppm	MDK	02-SEP-00	6010
L001039-015	30-JUN-00	B123 (14.5)	SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	61.	ppm	MDK	02-SEP-00	6010
L001039-016	30-JUN-00	B123 (17.5)	SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	52.	ppm	MDK	02-SEP-00	6010
L001039-017	30-JUN-00	B123 (19.7-20)	SB	3.*	ppm	MDK	02-SEP-00	6010
			ZN	34.	ppm	MDK	02-SEP-00	6010

(*) Quality control data indicates a possible bias. See QC report for details.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000780

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000780-1		Matrix Spike	AG	106	%Recovery	MDK	02-SEP-00		6010
			AS	89	%Recovery	MDK	02-SEP-00		6010
			BA	98	%Recovery	MDK	02-SEP-00		6010
			BI	102	%Recovery	MDK	02-SEP-00		6010
			CD	84	%Recovery	MDK	02-SEP-00		6010
			CO	94	%Recovery	MDK	02-SEP-00		6010
			CR	103	%Recovery	MDK	02-SEP-00		6010
			CU	129*	%Recovery	MDK	02-SEP-00		6010
			HG	87	%Recovery	EH	27-JUL-00		7471
			MN	108	%Recovery	MDK	02-SEP-00		6010
			NI	96	%Recovery	MDK	02-SEP-00		6010
			PB	92	%Recovery	MDK	02-SEP-00		6010
			SB	61*	%Recovery	MDK	02-SEP-00		6010
			SE	71*	%Recovery	MDK	02-SEP-00		6010
			SN	96	%Recovery	MDK	02-SEP-00		6010
			TL	87	%Recovery	MDK	02-SEP-00		6010
			V	103	%Recovery	MDK	02-SEP-00		6010
			ZN	93	%Recovery	MDK	02-SEP-00		6010
WG000780-2		Prep Blank	AG	<0.5	ppm	MDK	02-SEP-00		6010
			AS	<5.0	ppm	MDK	02-SEP-00		6010
			BA	<5.0	ppm	MDK	02-SEP-00		6010
			BI	<4.0	ppm	MDK	02-SEP-00		6010
			CD	<1.0	ppm	MDK	02-SEP-00		6010
			CO	<5.0	ppm	MDK	02-SEP-00		6010
			CR	<5.0	ppm	MDK	02-SEP-00		6010
			CU	<5.0	ppm	MDK	02-SEP-00		6010
			HG	<0.05	ppm	EH	27-JUL-00		7471
			MN	<5.0	ppm	MDK	02-SEP-00		6010
			NI	<5.0	ppm	MDK	02-SEP-00		6010
			PB	<5.0	ppm	MDK	02-SEP-00		6010
			SB	1.6	ppm	MDK	02-SEP-00		6010
			SE	<0.8	ppm	MDK	02-SEP-00		6010
			SN	<5.0	ppm	MDK	02-SEP-00		6010
			TL	1.3	ppm	MDK	02-SEP-00		6010
			V	<5.0	ppm	MDK	02-SEP-00		6010
			ZN	<5.0	ppm	MDK	02-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000780

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000780-3		Lab Control Sample	AG	95	%Recovery	MDK	02-SEP-00		6010
			AS	82	%Recovery	MDK	02-SEP-00		6010
			BA	92	%Recovery	MDK	02-SEP-00		6010
			BI	96	%Recovery	MDK	02-SEP-00		6010
			CD	86	%Recovery	MDK	02-SEP-00		6010
			CO	96	%Recovery	MDK	02-SEP-00		6010
			CR	97	%Recovery	MDK	02-SEP-00		6010
			CU	111	%Recovery	MDK	02-SEP-00		6010
			HG	122**	%Recovery	EH	27-JUL-00		7471
			MN	93	%Recovery	MDK	02-SEP-00		6010
			NI	94	%Recovery	MDK	02-SEP-00		6010
			PB	88	%Recovery	MDK	02-SEP-00		6010
			SB	108	%Recovery	MDK	02-SEP-00		6010
			SE	72**	%Recovery	MDK	02-SEP-00		6010
			SN	99	%Recovery	MDK	02-SEP-00		6010
			TL	84	%Recovery	MDK	02-SEP-00		6010
			V	99	%Recovery	MDK	02-SEP-00		6010
			ZN	90	%Recovery	MDK	02-SEP-00		6010
WG000780-4		Duplicate	MOIST.	2.6	% RPD	DC	19-JUL-00		GRAV.
WG000780-5		Matrix Spike Duplicate	AG	2.3	% RPD	MDK	02-SEP-00		6010
			AS	2.4	% RPD	MDK	02-SEP-00		6010
			BA	2.1	% RPD	MDK	02-SEP-00		6010
			BI	2.2	% RPD	MDK	02-SEP-00		6010
			CD	2.3	% RPD	MDK	02-SEP-00		6010
			CO	1.9	% RPD	MDK	02-SEP-00		6010
			CR	2	% RPD	MDK	02-SEP-00		6010
			CU	3	% RPD	MDK	02-SEP-00		6010
			MN	1.2	% RPD	MDK	02-SEP-00		6010
			NI	2.6	% RPD	MDK	02-SEP-00		6010
			PB	1.3	% RPD	MDK	02-SEP-00		6010
			SB	3.1	% RPD	MDK	02-SEP-00		6010
			SE	2.4	% RPD	MDK	02-SEP-00		6010
			SN	3.3	% RPD	MDK	02-SEP-00		6010
			TL	<1	% RPD	MDK	02-SEP-00		6010
			V	2.3	% RPD	MDK	02-SEP-00		6010
			ZN	2.2	% RPD	MDK	02-SEP-00		6010

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

Technical Services (Project 8201)

Batch No: WG000780

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
WG000780-6		Reporting Limit	AG	0.50	ppm				6010
			AS	5.0	ppm				6010
			BA	5.0	ppm				6010
			BI	4.0	ppm				6010
			CD	1.0	ppm				6010
			CO	5.0	ppm				6010
			CR	5.0	ppm				6010
			CU	5.0	ppm				6010
			HG	0.05	ppm				7471
			MN	5.0	ppm				6010
			NI	5.0	ppm				6010
			PB	5.0	ppm				6010
			SB	0.80	ppm				6010
			SE	0.80	ppm				6010
			SN	5.0	ppm				6010
			TL	1.0	ppm				6010
			V	5.0	ppm				6010
			ZN	5.0	ppm				6010

* Spikes outside acceptance limits due to matrix interference.
** LCS is within ERA (244, and 245), 95% confidence intervals.

Approved

Reviewer

GERAGHTY & MILLER, INC.
Environmental Services
a heidemij company

Laboratory Task Order No._____

CHAIN-OF-CUSTODY RECORD

Page 1 of _____

Project Number _____

Project Location _____

Laboratory _____

Sampler(s)/Affiliation _____

SAMPLE IDENTITY	Code	Date/Time Sampled	Lab ID	SAMPLE BOTTLE / CONTAINER DESCRIPTION									TOTAL

Sample Code: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers

Relinquished by: _____	Organization: _____	Date 7/5/__	Time _____	Seal Intact?	
Received by: M. Otley	Organization: ASHECO	Date 7/6/00	Time 1130	Yes	No N/A
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact?	
Received by: _____	Organization: _____	Date / /	Time _____	Yes	No N/A

Special Instructions/Remarks: _____

Delivery Method: ☐ In Person ☒ Common Carrier Truck ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY

GERAGHTY & MILLER, INC.
Environmental Services
a heidemij company

Laboratory Task Order No._____

CHAIN-OF-CUSTODY RECORD

Page_____ of_____

Project Number _____

Project Location _____

Laboratory _____

Sampler(s)/Affiliation _____

_____

SAMPLE IDENTITY	Code	Date/Time Sampled	Lab ID	SAMPLE BOTTLE / CONTAINER DESCRIPTION									TOTAL

Sample Code: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers

Relinquished by: _____	Organization: _____	Date 7 / /	Time _____	Seal Intact? Yes No N/A
Received by: Mathen	Organization: ARCO	Date 7/6/00	Time 1130	
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact? Yes No N/A
Received by: _____	Organization: _____	Date / /	Time _____	

Special Instructions/Remarks: _____

HOLD BTEX all others UNTIL NOTIFIED

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY

GERAGHTY & MILLER, INC.
Environmental Services
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Laboratory Task Order No._____

CHAIN-OF-CUSTODY RECORD

Page 3 of 7

Project Number _____

Project Location _____

Laboratory _____

Sampler(s)/Affiliation _____

SAMPLE IDENTITY	Code	Date/Time Sampled	Lab ID	SAMPLE BOTTLE / CONTAINER DESCRIPTION									TOTAL

Sample Code: L = Liquid; S = Solid; A = Air

Total No. of Bottles/ Containers

Relinquished by: _____	Organization: _____	Date 8/7/96	Time _____	Seal Intact? Yes No N/A
Received by: _____	Organization: _____	Date / /	Time _____	
Relinquished by: _____	Organization: _____	Date / /	Time _____	Seal Intact? Yes No N/A
Received by: _____	Organization: _____	Date / /	Time _____	

Special Instructions/Remarks: _____

Delivery Method: ☐ In Person ☒ Common Carrier Fedex ☐ Lab Courier ☐ Other _____

SPECIFY SPECIFY