

GW-181

REPORT

YEAR(S):

2007

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FEB 14 2007

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505



Williams Energy Services-Enve
188 CR 4900
Bloomfield, NM 87413
505/632-4606
505/632-4781 Fax

February 12, 2007

Mr. Wayne Price
Oil Conservation Division
1220 South St Francis Dr
Santa Fe NM 87505

Re: Drain Line Testing Results at Various Williams Facilities

Dear Mr. Price:

Williams Four Corners, LLC conducted a facility review and drain line testing in accordance with the Oil Conservation Division Discharge Plan requirements. Subsurface, non-pressurized process and wastewater lines were tested. The facility drain line testing reports are enclosed with this letter. A review and testing summary is provided in the table below.

Facility	Permit #	Completion Date	Results	Comments
29-6 #3 CDP		7/10/2006	Passed	
29-7 CDP		6/26/2006	Passed	
32-8 #2 CDP		9/13/2006	Passed	Tested site in two sections
Coyote Springs		6/5/2006	Passed	
Five Points		7/20/2006	Passed	
Horse Canyon		6/1/2006	Passed	
La Cosa		6/7/2006	Passed	
Laguna Seca		7/13/2006	Passed	
Lateral N-30		8/4/2006	Passed	Tested site in two sections
Martinez Draw		7/18/2006	Passed	
Middle Mesa		7/25/2006	Passed	Tested site in two sections
Milagro Plant		6/15/2006	Passed	Tested site in three sections
Pritchard Straddle		5/24/2006	Passed	
Pump Mesa		8/21/2006	Passed	Tested site in two sections
Trunk B		8/17/2006	Passed	
Trunk M		6/12/2006	Passed	
Wild Horse		7/19/2006	Passed	Visual inspection

If you have any questions or require additional information, please contact me at (505) 632-4606.

Respectfully Submitted,

Clara M. Cardoza
Environmental Compliance

Attachments: Drain Line Testing Reports

xc: FCA Environmental 220 File
Brandon Powell, OCD Aztec

Environmental Waste Water Line
Test Report



LOCATION:	29-6 #3 CDP
DATE:	7/10/06
Sec, Range and Township	Sec. 14 Range 6W T 29 N

START OF WATER FILL:	DATE: 7-10-06	TIME: 10:00 AM
START OF TEST PERIOD:	DATE: 7-10-06	TIME: 2:30 PM
END OF TEST PERIOD:	DATE: 7-10-06	TIME: 3:30 PM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	2:30 PM	7' 6"	Holding
2	2:35 PM	7' 6"	Holding
3	2:40 PM	7' 6"	Holding
4	2:45 PM	7' 6"	Holding
5	2:50 PM	7' 6"	Holding
6	2:55 PM	7' 6"	Holding
7	3:05 PM	7' 6"	Holding
8	3:15 PM	7' 6"	Holding
9	3:25 PM	7' 6"	Holding
10	3:30 PM	7' 6"	Test Held

Additional Remarks:
Repaired 3 leaks all on Broken fittings

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: Ly Cole SUNKANI
(TEST Contractor)

VERIFIED BY: [Signature]
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Vally
(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION: <u>29-7 CDP</u>
DATE: <u>6-26-06</u>
Sec. Range <u>Sec 15 Range 7W</u> and Township <u>T 29 N</u>

START OF WATER FILL:	DATE: <u>6-22-06</u>	TIME: <u>2:30 PM</u>
START OF TEST PERIOD:	DATE: <u>6-26-06</u>	TIME: <u>9:30 AM</u>
END OF TEST PERIOD:	DATE: <u>6-26-06</u>	TIME: <u>10:30 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	9:30 AM	6' 8"	Holding
2	9:35 AM	6' 8"	Holding
3	9:40 AM	6' 8"	Holding
4	9:50 AM	6' 8"	Holding
5	10:00 AM	6' 8"	Holding
6	10:10 AM	6' 8"	Holding
7	10:15 AM	6' 8"	Holding
8	10:20 AM	6' 8"	Holding
9	10:25 AM	6' 8"	Holding
10	10:30 AM	6' 8"	Test Held

Additional Remarks:
<u>Removed existing isolation valve & installed new 4"</u>
<u>brass gate valve at tank.</u>
<u>No leaks were found or fixed</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

Lyale

Sunkand

(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez

(Test Inspector)

Environmental Waste Water Line
Test Report



13 compressors

LOCATION:	32-8 #2 CDP
DATE:	9-13-06
Sec, Range	Sec 27 R 8W
and	
Township	32 N

START OF WATER FILL:	DATE: 9-12-06	TIME: 2:00 PM
START OF TEST PERIOD:	DATE: 9-13-06	TIME: 10:50 AM
END OF TEST PERIOD:	DATE: 9-13-06	TIME: 11:50 AM

TEST DATA:

1. Water height by manual measurement at the datum.
2. Test to commence when maximum fill is reached and first manual measurement is recorded.
3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:50 AM	6' 2"	Holding
2	10:55 AM	6' 2"	Holding
3	11:00 AM	6' 2"	Holding
4	11:05 AM	6' 2"	Holding
5	11:10 AM	6' 2"	Holding
6	11:15 AM	6' 2"	Holding
7	11:25 AM	6' 2"	Holding
8	11:35 AM	6' 2"	Holding
9	11:45 AM	6' 2"	Holding
10	11:50 AM	6' 2"	Test Held

Additional Remarks:

4 leaks were found & repaired on the 4" PVC Header

TEST IS: ☒ ACCEPTED

☐ REJECTED

RECORDED BY:

(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

(Test Inspector)

Environmental Waste Water Line
Test Report



5 dehydrators

LOCATION:	32-8#2 CDP
DATE:	8-31-06
Sec, Range	Sec 27 R 8 W
and	
Township	T 32 N

START OF WATER FILL:	DATE: 8-31-06	TIME: 7:30 AM
START OF TEST PERIOD:	DATE: 8-31-06	TIME: 10:30 AM
END OF TEST PERIOD:	DATE: 8-31-06	TIME: 11:30 AM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:30 AM	6' 8"	Holding
2	10:35 AM	6' 8"	Holding
3	10:40 AM	6' 8"	Holding
4	10:45 AM	6' 8"	Holding
5	10:50 AM	6' 8"	Holding
6	10:55 AM	6' 8"	Holding
7	11:00 AM	6' 8"	Holding
8	11:10 AM	6' 8"	Holding
9	11:20 AM	6' 8"	Holding
10	11:30 AM	6' 8"	Test field

Additional Remarks:

5 leaks were found & repaired on 4" Header & 2" laterals

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

Lyndi Sankard
(TEST Contractor)

VERIFIED BY:

Ed Hoban
(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION: <u>Coyote Springs Compressor</u>
DATE: <u>6-5-06</u>
Sec, Range <u>Sec 30 R 11 W</u>
and
Township <u>T 32 N</u>

START OF WATER FILL:	DATE: <u>6-5-06</u>	TIME: <u>9:30 AM</u>
START OF TEST PERIOD:	DATE: <u>6-5-06</u>	TIME: <u>10:45 AM</u>
END OF TEST PERIOD:	DATE: <u>6-5-06</u>	TIME: <u>11:45 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:45 AM	6' 4"	Holding
2	10:50 AM	6' 4"	Holding
3	10:55 AM	6' 4"	Holding
4	11:05 AM	6' 4"	Holding
5	11:15 AM	6' 4"	Holding
6	11:20 AM	6' 4"	Holding
7	11:30 AM	6' 4"	Holding
8	11:35 AM	6' 4"	Holding
9	11:40 AM	6' 4"	Holding
10	11:45 AM	6' 4"	Test Held

Additional Remarks:
<u>NO leaks were found or repaired</u>
<u>Good steel system</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

Lyndee

SUNLAND

(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez

(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION:	<i>Five Points Compressor</i>
DATE:	<i>7-20-06</i>
Sec, Range and Township	<i>Sec 8 R 8 W T 25 N</i>

START OF WATER FILL:	DATE: <i>7-20-06</i>	TIME: <i>9:45 Am</i>
START OF TEST PERIOD:	DATE: <i>7-20-06</i>	TIME: <i>10:30 Am</i>
END OF TEST PERIOD:	DATE: <i>7-20-06</i>	TIME: <i>11:30 Am</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>10:30Am</i>	<i>6' 0"</i>	<i>Holding</i>
2	<i>10:35Am</i>	<i>6' 0"</i>	<i>Holding</i>
3	<i>10:40Am</i>	<i>6' 0"</i>	<i>Holding</i>
4	<i>10:45Am</i>	<i>6' 0"</i>	<i>Holding</i>
5	<i>10:55Am</i>	<i>6' 0"</i>	<i>Holding</i>
6	<i>11:05Am</i>	<i>6' 0"</i>	<i>Holding</i>
7	<i>11:15Am</i>	<i>6' 0"</i>	<i>Holding</i>
8	<i>11:20Am</i>	<i>6' 0"</i>	<i>Holding</i>
9	<i>11:25Am</i>	<i>6' 0"</i>	<i>Holding</i>
10	<i>11:30Am</i>	<i>6' 0"</i>	<i>Test Held</i>

Additional Remarks:
<i>Installed 2" brass gate valve at tank to isolate piping from tank</i>
<i>No Leaks found or repaired</i>
<i>Good steel system</i>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

Lytle Sunkard
(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION: <u>Horse Canyon CDP</u>
DATE: <u>6-1-06</u>
Sec, Range <u>Sec 27 R 9 W</u>
and Township <u>T 30 N</u>

START OF WATER FILL:	DATE: <u>5/31/06</u>	TIME: <u>9:15 AM</u>
START OF TEST PERIOD:	DATE: <u>6/1/06</u>	TIME: <u>1:30 PM</u>
END OF TEST PERIOD:	DATE: <u>6/1/06</u>	TIME: <u>2:30 PM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	1:30 PM	6' 0"	Holding
2	1:35 PM	6' 0"	Holding
3	1:40 PM	6' 0"	Holding
4	1:50 PM	6' 0"	Holding
5	2:00 PM	6' 0"	Holding
6	2:10 PM	6' 0"	Holding
7	2:15 PM	6' 0"	Holding
8	2:20 PM	6' 0"	Holding
9	2:25 PM	6' 0"	Holding
10	2:30 PM	6' 0"	Test Held

Additional Remarks:
<u>Repaired 8 leaks on 2" Header & Laterals to Dehydrators</u>
<u>Repaired 4 leaks on 4" Header & laterals to Compressors</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: Ly Cole SUNAND
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION: <u>La Crosse CDP</u>
DATE: <u>6-7-06</u>
Sec, Range <u>Sec 34 R 11 W</u> and Township <u>T 29 N</u>

START OF WATER FILL:	DATE: <u>6-7-06</u>	TIME: <u>7:00 Am</u>
START OF TEST PERIOD:	DATE: <u>6-7-06</u>	TIME: <u>10:00 Am</u>
END OF TEST PERIOD:	DATE: <u>6-7-06</u>	TIME: <u>11:00 Am</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:00 Am	9' 8"	Holding
2	10:05 Am	9' 8"	Holding
3	10:10 Am	9' 8"	Holding
4	10:20 Am	9' 8"	Holding
5	10:30 Am	9' 8"	Holding
6	10:40 Am	9' 8"	Holding
7	10:45 Am	9' 8"	Holding
8	10:50 Am	9' 8"	Holding
9	10:55 Am	9' 8"	Holding
10	11:00 Am	9' 8"	Test Held

Additional Remarks:
<u>NO leaks or repairs made to system</u>
<u>4" brass gate valve was installed to isolate piping</u>
<u>from tank</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

Sy Cole

Sundano
(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION: <u>Laguna Seca Compressor Site</u>
DATE: <u>7-13-06</u>
Sec, Range <u>Sec 19 R 5 W</u>
and Township <u>T 31 N</u>

START OF WATER FILL:	DATE: <u>7-13-06</u>	TIME: <u>11:00 Am</u>
START OF TEST PERIOD:	DATE: <u>7-13-06</u>	TIME: <u>1:30 Pm</u>
END OF TEST PERIOD:	DATE: <u>7-13-06</u>	TIME: <u>2:30 Pm</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	1:30 Pm	10' 0"	Holding
2	1:35 Pm	10' 0"	Holding
3	1:40 Pm	10' 0"	Holding
4	1:45 Pm	10' 0"	Holding
5	1:50 Pm	10' 0"	Holding
6	1:55 Pm	10' 0"	Holding
7	2:10 Pm	10' 0"	Holding
8	2:15 Pm	10' 0"	Holding
9	2:25 Pm	10' 0"	Holding
10	2:30 Pm	10' 0"	Test Held

Additional Remarks:

Installed 4" brass gate valve at tank to isolate piping from tank

NO leaks found or repaired
Good steel system

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

Lg. Gb. SUIANO
(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Durazme Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



Compressor #6

LOCATION: Lateral N-30 Compressor Station

DATE: 8-4-06

Sec, Range Sec 25 R 9W
and

Township T 32 N

START OF WATER FILL:

DATE: 8-4-06

TIME: 8:00 AM

START OF TEST PERIOD:

DATE: 8-4-06

TIME: 10:00 AM

END OF TEST PERIOD:

DATE: 8-4-06

TIME: 11:00 AM

TEST DATA:

1. Water height by manual measurement at the datum.
2. Test to commence when maximum fill is reached and first manual measurement is recorded.
3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<u>10:00 AM</u>	<u>6' 0"</u>	<u>Holding</u>
2	<u>10:05 AM</u>	<u>6' 0"</u>	<u>Holding</u>
3	<u>10:10 AM</u>	<u>6' 0"</u>	<u>Holding</u>
4	<u>10:15 AM</u>	<u>6' 0"</u>	<u>Holding</u>
5	<u>10:20 AM</u>	<u>6' 0"</u>	<u>Holding</u>
6	<u>10:25 AM</u>	<u>6' 0"</u>	<u>Holding</u>
7	<u>10:30 AM</u>	<u>6' 0"</u>	<u>Holding</u>
8	<u>10:40 AM</u>	<u>6' 0"</u>	<u>Holding</u>
9	<u>10:50 AM</u>	<u>6' 0"</u>	<u>Holding</u>
10	<u>11:00 AM</u>	<u>6' 0"</u>	<u>Test Held</u>

Additional Remarks:

No leaks were found or repaired
Good steel system

TEST IS: ☒ ACCEPTED

☐ REJECTED

RECORDED BY:

Ly Cole Sunland

(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez

(Test Inspector)

Environmental Waste Water Line
Test Report



Compressors 1-5 & 3 dehydrators

LOCATION:	Lateral N-30
DATE:	8-11-06
Sec, Range	Sec 25 R 9W
and Township	T 32 N

START OF WATER FILL:	DATE: 8-10-06	TIME: 11:00 AM
START OF TEST PERIOD:	DATE: 8-11-06	TIME: 10:30 AM
END OF TEST PERIOD:	DATE: 8-11-06	TIME: 11:30 AM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:30 AM	6' 4"	Holding
2	10:35 AM	6' 4"	Holding
3	10:40 AM	6' 4"	Holding
4	10:45 AM	6' 4"	Holding
5	10:50 AM	6' 4"	Holding
6	10:55 AM	6' 4"	Holding
7	11:00 AM	6' 4"	Holding
8	11:10 AM	6' 4"	Holding
9	11:30 AM	6' 4"	Holding
10	11:30 AM	6' 4"	Test Held

Additional Remarks:
Repaired 6 leaks, all on PVC Piping
No leaks on steel portion of system

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: Lg Cole Sunland
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION: <u>Martinez Draw</u>
DATE: <u>7-18-06</u>
Sec, Range <u>Sec 17 R 5 W</u>
and
Township <u>T 31 N</u>

START OF WATER FILL:	DATE: <u>7-17-06</u>	TIME: <u>1:45 PM</u>
START OF TEST PERIOD:	DATE: <u>7-18-06</u>	TIME: <u>9:30 AM</u>
END OF TEST PERIOD:	DATE: <u>7-18-06</u>	TIME: <u>10:30 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	9:30 AM	6' 11"	Holding
2	9:35 AM	6' 11"	Holding
3	9:40 AM	6' 11"	Holding
4	9:45 AM	6' 11"	Holding
5	9:50 AM	6' 11"	Holding
6	9:55 AM	6' 11"	Holding
7	10:05 AM	6' 11"	Holding
8	10:15 AM	6' 11"	Holding
9	10:25 AM	6' 11"	Holding
10	10:30 AM	6' 11"	Test Held

Additional Remarks:
<u>Repaired 1 leak above ground</u>
<u>Good steel system</u>
<u>Installed a 4" brass gate valve at tank to isolate</u>
<u>system from tank</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: Lyndee Sunland
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



compressors thru 9 & 6 Dehydrators

LOCATION: <u>Middle Mesa CDP</u>
DATE: <u>7-25-06</u>
Sec. Range <u>Sec. 10 R 7 W</u>
and Township <u>T 31 N</u>

START OF WATER FILL:	DATE: <u>7-24-06</u>	TIME: <u>11:30 AM</u>
START OF TEST PERIOD:	DATE: <u>7-25-06</u>	TIME: <u>9:30 AM</u>
END OF TEST PERIOD:	DATE: <u>7-25-06</u>	TIME: <u>10:30 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	9:30 AM	8' 3"	Holding
2	9:35 AM	8' 3"	Holding
3	9:40 AM	8' 3"	Holding
4	9:45 AM	8' 3"	Holding
5	9:50 AM	8' 3"	Holding
6	10:00 AM	8' 3"	Holding
7	10:10 AM	8' 3"	Holding
8	10:20 AM	8' 3"	Holding
9	10:25 AM	8' 3"	Holding
10	10:30 AM	8' 3"	Test Held

Additional Remarks:

Repaired 2 leaks found on Dehy #1 & Dehy #3

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

GARY COLE Dunkard
(TEST CONTRACTOR)

VERIFIED BY:

Charlie Lane
(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez
(TEST INSPECTOR)

Environmental Waste Water Line
Test Report



7 straddle compressors

LOCATION:	Middle Mesa CDP
DATE:	7-28-06
Sec, Range	Sec 10 R 7 W
and Township	T 31 N

START OF WATER FILL:	DATE: 7-27-06	TIME: 2:30 PM
START OF TEST PERIOD:	DATE: 7-28-06	TIME: 10:30 AM
END OF TEST PERIOD:	DATE: 7-28-06	TIME: 11:30 AM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:30 AM	6' 7"	Holding
2	10:35 AM	6' 7"	Holding
3	10:40 AM	6' 7"	Holding
4	10:45 AM	6' 7"	Holding
5	10:50 AM	6' 7"	Holding
6	11:00 AM	6' 7"	Holding
7	11:10 AM	6' 7"	Holding
8	11:20 AM	6' 7"	Holding
9	11:25 AM	6' 7"	Holding
10	11:30 AM	6' 7"	Test Held

Additional Remarks:

NO leaks were found or repaired

Good steel system

A 4" brass gate valve was installed at fiberglass tank & another 4" brass gate valve was installed above ground at the steel tank for isolation of piping to tanks

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: GARY COLE SUNLAND
(TEST CONTRACTOR)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(TEST INSPECTOR)

Environmental Waste Water Line
Test Report



Train 5

LOCATION:	Milagro Plant
DATE:	6-15-06
Sec, Range and Township	Sec. 12 R 11 W 29 N

START OF WATER FILL:	DATE: 6-13-06	TIME: 11:00 AM
START OF TEST PERIOD:	DATE: 6-15-06	TIME: 12:30 PM
END OF TEST PERIOD:	DATE: 6-15-06	TIME: 1:30 PM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	12:30 PM	6' 0"	Holding
2	12:35 PM	6' 0"	Holding
3	12:40 PM	6' 0"	Holding
4	12:45 PM	6' 0"	Holding
5	12:55 PM	6' 0"	Holding
6	1:05 PM	6' 0"	Holding
7	1:15 PM	6' 0"	Holding
8	1:20 PM	6' 0"	Holding
9	1:25 PM	6' 0"	Holding
10	1:30 PM	6' 0"	Test Held

Additional Remarks:
No leaks found or repaired
good steel system
Test on Train 5 Laterals & 6" Header

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: GARY COLE Sunland
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



Trains 1, 2, 3 & 4 + Dehydrators & Boilers

LOCATION: <u>Milagro Plant</u>
DATE: <u>6-20-06</u>
Sec, Range and Township

START OF WATER FILL:	DATE: <u>6-16-06</u>	TIME: <u>10:00 AM</u>
START OF TEST PERIOD:	DATE: <u>6-20-06</u>	TIME: <u>12:30 PM</u>
END OF TEST PERIOD:	DATE: <u>6-20-06</u>	TIME: <u>1:30 PM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	12:30 PM	19' 0"	Holding
2	12:35 PM	19' 0"	Holding
3	12:40 PM	19' 0"	Holding
4	12:50 PM	19' 0"	Holding
5	12:55 PM	19' 0"	Holding
6	1:00 PM	19' 0"	Holding
7	1:10 PM	19' 0"	Holding
8	1:20 PM	19' 0"	Holding
9	1:25 PM	19' 0"	Holding
10	1:30 PM	19' 0"	Test Held

Additional Remarks:
<u>NO Leaks found or repaired</u>
<u>Good steel system</u>
<u>6" steel gate valve installed in collection Box for isolation</u>
<u>Laterals & headers for trains 1, 2, 3, & 4</u>
<u>Laterals & header for dehydrators & Bailer</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: GARY COLE Sunkard
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: Dwight Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



Filter Drain System Train 5

LOCATION:	Milagro Plant
DATE:	6-30-06
Sec. Range and Township	Sec 12 R11W 29 N

START OF WATER FILL:	DATE: 6-30-06	TIME: 9:45 AM
START OF TEST PERIOD:	DATE: 6-30-06	TIME: 1:15 PM
END OF TEST PERIOD:	DATE: 6-30-06	TIME: 2:15 PM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	1:15 PM	6' 0"	Holding
2	1:20 PM	6' 0"	Holding
3	1:25 PM	6' 0"	Holding
4	1:30 PM	6' 0"	Holding
5	1:40 PM	6' 0"	Holding
6	1:45 PM	6' 0"	Holding
7	1:55 PM	6' 0"	Holding
8	2:05	6' 0"	Holding
9	2:10 PM	6' 0"	Holding
10	2:15 PM	6' 0"	Test Held

Additional Remarks:
NO leaks were found or repaired
Good steel system
Inlet filter drain system for train 5

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: SURLAND Ly Cole
(TEST CONTRACTOR)

VERIFIED BY: David U. Jones
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(TEST INSPECTOR)

Environmental Waste Water Line
Test Report



LOCATION: <u>Prichard Straddle</u>
DATE: <u>5-24-06</u>
Sec, Range <u>Sec. 1 R9W</u> and Township <u>T30 N</u>

START OF WATER FILL:	DATE: <u>5-23-06</u>	TIME: <u>8:00 AM</u>
START OF TEST PERIOD:	DATE: <u>5-24-06</u>	TIME: <u>8:00 AM</u>
END OF TEST PERIOD:	DATE: <u>5-24-06</u>	TIME: <u>9:00 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	8:00 AM	6' 8"	Holding
2	8:05 AM	6' 8"	Holding
3	8:10 AM	6' 8"	Holding
4	8:20 AM	6' 8"	Holding
5	8:30 AM	6' 8"	Holding
6	8:35 AM	6' 8"	Holding
7	8:45 AM	6' 8"	Holding
8	8:50 AM	6' 8"	Holding
9	8:55 AM	6' 8"	Holding
10	9:00 AM	6' 8"	Test Held

Additional Remarks:
<u>Repaired 1 leak on a 2" Flang on compressor pad #2</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

Ly Cole SUNLAND
(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



2 compressors & 3 dehy's North Lower section

LOCATION: Pump Mesa CDP
DATE: 8-21-06
Sec, Range Sec. 14 R 8 W
and Township T 31 N

START OF WATER FILL:	DATE: 8-21-06	TIME: 7:30 AM
START OF TEST PERIOD:	DATE: 8-21-06	TIME: 1:00 PM
END OF TEST PERIOD:	DATE: 8-21-06	TIME: 2:00 PM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	1:00 PM	9' 10"	Holding
2	1:05 PM	9' 10"	Holding
3	1:10 PM	9' 10"	Holding
4	1:15 PM	9' 10"	Holding
5	1:20 PM	9' 10"	Holding
6	1:25 PM	9' 10"	Holding
7	1:30 PM	9' 10"	Holding
8	1:40 PM	9' 10"	Holding
9	1:50 PM	9' 10"	Holding
10	2:00 PM	9' 10"	Test Held

Additional Remarks:
NO leaks were found or repaired
North Lower section of site

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: Lytle Sunland
(TEST Contractor)

VERIFIED BY: Ed Hoban
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



8 compressors & 2 dehydrators Upper South side

LOCATION:	Pump Mesa CDP
DATE:	8-23-06
Sec, Range	Sec 14 R 8 W
and Township	T 31 N

START OF WATER FILL:	DATE: 8-22-06	TIME: 8:00 AM
START OF TEST PERIOD:	DATE: 8-23-06	TIME: 9:00 AM
END OF TEST PERIOD:	DATE: 8-23-06	TIME: 10:00 AM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	9:00 AM	6' 0"	Holding
2	9:05 AM	6' 0"	Holding
3	9:10 AM	6' 0"	Holding
4	9:15 AM	6' 0"	Holding
5	9:20 AM	6' 0"	Holding
6	9:25 AM	6' 0"	Holding
7	9:30 AM	6' 0"	Holding
8	9:40 AM	6' 0"	Holding
9	9:50 AM	6' 0"	Holding
10	10:00 AM	6' 0"	Test Held

Additional Remarks:
NO Leaks were found or repaired

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: GARY COLE Sunkard
(TEST Contractor)

VERIFIED BY: [Signature]
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION: <u>Trunk B Booster</u>
DATE: <u>8-17-06</u>
Sec, Range <u>Sec. 28 R 8W</u> and Township <u>31 N</u>

START OF WATER FILL:	DATE: <u>8-17-06</u>	TIME: <u>8:00 AM</u>
START OF TEST PERIOD:	DATE: <u>8-17-06</u>	TIME: <u>10:50 AM</u>
END OF TEST PERIOD:	DATE: <u>8-17-06</u>	TIME: <u>11:50 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:50 AM	6' 9"	Holding
2	10:55 AM	6' 9"	Holding
3	11:00 AM	6' 9"	Holding
4	11:05 AM	6' 9"	Holding
5	11:10 AM	6' 9"	Holding
6	11:15 AM	6' 9"	Holding
7	11:25 AM	6' 9"	Holding
8	11:35 AM	6' 9"	Holding
9	11:45 AM	6' 9"	Holding
10	11:50 AM	6' 9"	Test Held

Additional Remarks:
<u>Installed 4" brass gate valve at tank to isolate</u>
<u>piping from tank</u>
<u>No leaks were found or repaired</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: [Signature]
(TEST CONTRACTOR)

VERIFIED BY: [Signature]
(LOCATION SUPERVISOR)

APPROVED BY: [Signature]
(TEST INSPECTOR)

Environmental Waste Water Line
Test Report



LOCATION: <u>Trunk M CDP</u>
DATE: <u>6-12-06</u>
Sec, Range <u>Sec 29 R 6 W</u> and Township <u>T 30 N</u>

START OF WATER FILL:	DATE: <u>6-8-06</u>	TIME: <u>10:30 AM</u>
START OF TEST PERIOD:	DATE: <u>6-12-06</u>	TIME: <u>8:25 AM</u>
END OF TEST PERIOD:	DATE: <u>6-12-06</u>	TIME: <u>9:25 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	8:25 AM	6' 4"	Holding
2	8:30 AM	6' 4"	Holding
3	8:35 AM	6' 4"	Holding
4	8:45 AM	6' 4"	Holding
5	8:55 AM	6' 4"	Holding
6	9:00 AM	6' 4"	Holding
7	9:10 AM	6' 4"	Holding
8	9:15 AM	6' 4"	Holding
9	9:20 AM	6' 4"	Holding
10	9:25 AM	6' 4"	Test Held

Additional Remarks:
<u>Repaired 5 leaks total on compressor pads, Hot start</u>
<u>pad, & Day tank pad</u>

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY:

Lyndal

Sunkano

(TEST CONTRACTOR)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez

(TEST INSPECTOR)

Environmental Waste Water Line
Test Report



LOCATION: <i>Wild Horse Compressor</i>
DATE: <i>7-19-06</i>
Sec, Range <i>Sec 27 Range 4 W</i>
and Township <i>T 26 N</i>

START OF WATER FILL:	DATE: _____	TIME: _____
START OF TEST PERIOD:	DATE: _____	TIME: _____
END OF TEST PERIOD:	DATE: _____	TIME: _____

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Additional Remarks:

*Wild Horse Compressor station has one compressor with 3' of steel pipe that is 6" deep.
Hand dug all piping & performed a visual inspection.
Replaced threaded collar on skid drain with a Stainless Steel repair clamp & wrapped line with polyken tape.*

TEST IS: ☒ ACCEPTED ☐ REJECTED

RECORDED BY: _____

(TEST Contractor)

VERIFIED BY: _____

(LOCATION SUPERVISOR)

APPROVED BY: _____

(Test Inspector)