

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: New Mexico Saltwater Disposal Co.	Contact: Will Palmer	
Address: P.O. Box 1719 Lovington, NM 88260	Telephone No.: 575-396-5391	
Facility Name: Jenkins Sta. 13 transfer line	Facility Type: oilfield water disposal system	
Surface Owner: Shannon Kizer	Mineral Owner	Lease No.: SW0083

LOCATION OF RELEASE

Unit Letter O	Section 25	Township 9S	Range 34E	Feet from the 1,069'	North/South Line SOUTH	Feet from the 1,456'	East/West Line EAST	County LEA
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Latitude: 33.500907

Longitude: -103.413532

NATURE OF RELEASE

Type of Release: saltwater	Volume of Release: 30bbls	Volume Recovered: 0bbls
Source of Release: breakage in transfer line	Date and Hour of Occurrence: 4-10-11 8:00 am	Date and Hour of Discovery: 4-10-11 10:30am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD - Hobbs - Maxey Brown (left message)	
By Whom? Mr. Will Palmer	Date and Hour: 4-11-11 9:00 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

AMENDED

GW @ 100'

Describe Cause of Problem and Remedial Action Taken.\*

8" line cracked and burst during pumping operations. Replaced affected line. Lowered line pumping pressure.

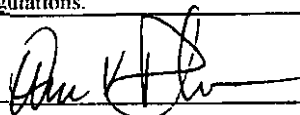
Describe Area Affected and Cleanup Action Taken.\*

The area affected included the immediate area around the leak totaling 670ft<sup>2</sup>. Affected soil removed and disposed of in certified landfill. Clean material hauled in to secure line and prevent movement. WEE Inc. contracted to delineate site.

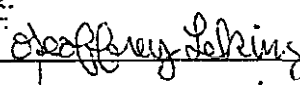
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: William V. Palmer



Printed Name: William V. Palmer

Approved by ~~District Supervisor~~ ENR ENGINEER:  


Title: Superintendent

Approval Date: 05/20/11

Expiration Date: 07/20/11

E-mail Address: wpalmer@read-stevens.com

Conditions of Approval: DELINEATE TO  
CLEAN UP. SUBMIT FINAL C-141  
BY 07/20/11.

Attached ☐

Date: 4-11-11 05-19-11

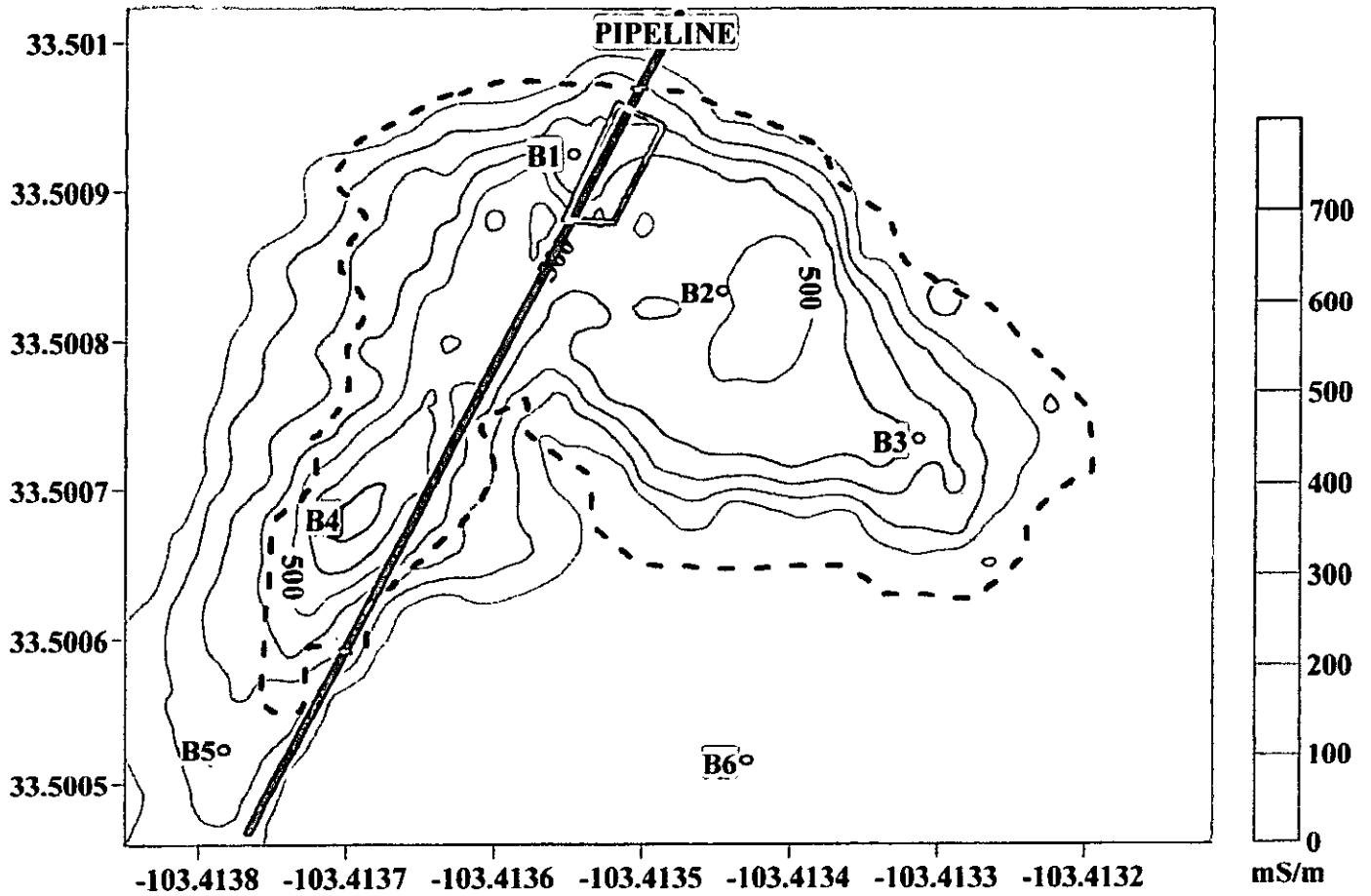
Phone: (575) 396-5391

IRP-05-11-2011

Attach Additional Sheets If Necessary

4327

NMSWD JENKINS STA. #13 S. LEAK  
SW/SE 1/4 UL/O SEC 25 - T9S - R34E  
1451' FEL & 1067' FSL  
EM38 SURVEY AREA 218' E&W X 200' N&S= 1.0 ACRE  
GPS: WGS84 (DECIMAL)  
N33.500906950 / W103.413513200



# WEE INC. CL- FIELD TITRATION RESULTS

LOCATION: NMSWD Jenkins Station #13 S. Leak Bore

Sample pt.	DATE	DEPTH	SOIL	WATER	CF	AGNO3	CL-	PID	SOIL LITHOLOGY	LAB RESULT S CL-	B	T	E	X	GRO	DRO
LEAK SOURCE	5/16/11	WATER								116000						
B1 SOURCE	6/1/11	0>1'	9.2	33.0	3.59	3.27	11726	1.6	2.5YR- 3/2 Dusky Red, Soft, Dry, Loamy, Topsoil							
		5'	10.9	33.5	3.07	2.25	6913	1.7	5YR-6/3 Light Brown, Soft, Sandy Caliche, Semi-Damp							
		10'	11.2	32.2	2.88	2.34	6725	2.6	7.5YR-3/2 Pinkish White, Semi- hard, rocky, sandy, caliche, Dry							
	9/13/11	15'	10.1	30.3	3.00	0.69	2069	0.8	5YR-8/2 Pinkish Sandy Sand Damp	4160					<10.0	<10.0
		20'	10	31	3.10	0.89	2758	0.8	5YR-8/2 Pinkish Sandy Sand Damp							
		25'	10.1	30.4	3.01	0.18	542	0.8	5YR-8/3 Pink Sandy Sand Damp							
		30'	10	31.8	3.18	0.05	159	0.4	5YR-5/3 Reddish Brown Sand Moist							
		35'	10	34.4	3.44	0.04	138	0.4	5YR-5/3 Reddish Brown Sand Moist	80					<10.0	<10.0
	6/2/11	0>1'	11.6	32.9	2.84	4.58	25972	1.9	2.5YR- 3/2 Dusky Red, Soft, Slightly Damp, Loamy, Topsoil							
		5'	14.0	31.5	2.25	1.51	6793	2.4	5YR-6/3 Light Brown, Soft, Sandy Caliche, Semi-Rocky, Slightly Damp							
		10'	10.5	32.2	3.07	1.9	5825	2.4	7.5YR-3/2 Pinkish White, Semi- hard, rocky, sandy, caliche, Dry							
		15'	12.8	30.2	2.36	1.9	4481	2.1	7.5YR-3/2 Pinkish White, Semi- hard, rocky, sandy, caliche, Dry							
	9/13/11	20'	10.2	30.9	3.03	0.06	182	0.8	7.5YR-4/2 White Sandy Sand Damp							
		25'	10.1	28.6	2.83	0.05	142	0.9	7.5YR-8/3 Pink Sandy Sand Damp	112					<10.0	<10.0
		30'	10.3	32.6	3.17	0.05	158	0.8	5YR-6/4 Light Reddish Brown Sandy Sand Dry							
		0>1'	11.1	32.6	2.94	1.85	10863	1.8	2.5YR- 3/2 Dusky Red, Soft, Slightly Damp, Loamy, Topsoil							

B3	6/2/11	5'	15.3	30.5	1.99	1.69	6736	2.6	5YR-6/3 Light Brown, Soft, Sandy Caliche, Semi-Rocky, Slightly Damp								
		10'	12.8	30.3	2.37	0.36	852	2.2	7.5YR-3/2 Pinkish White, Semi-hard, rocky, sandy, caliche, Dry								
	6/3/11	15'	12.2	30.4	2.49	0.26	648	0.8	7.5YR-3/2 Pinkish White, Semi-hard, rocky, sandy, caliche, Dry								
		20'	9.9	33.9	3.42	0.07	240	1.3	7.5YR-3/2 Pinkish White, Semi-hard, rocky, sandy, caliche, Dry	64					<10.0	<10.0	
		23'	11.3	31.8	2.81	0.05	141	1.2	7.5YR-3/2 Pinkish White, Semi-hard, rocky, sandy, caliche, Dry	48					<10.0	<10.0	
B4	9/13/11	0>2'	10.4	30.8	2.96	4.34	12849	0.8	5YR-3/3 Dark Reddish Brown Sand Moist	24000					<10.0	<10.0	
		2>4'	10.1	32.1	3.18	1.87	5941	8.0	10YR-8/2 Very Pale Brown Sandy Sand Damp								
		4>6'	10.2	32.8	3.22	1.21	3890	0.6	7.5YR-8/4 Pink Sandy Gravely Damp								
		10'	10.3	31.9	3.10	0.9	2787	0.8	7.5YR-8/4 Pink Sandy Sand Slightly Rocky Damp	3840					<10.0	<10.0	
		15'	10	30.8	3.08	0.08	246	0.6	7.5YR-4/1 White Sandy Sand Damp								
		20'	10.2	27.7	2.72	0.05	136	0.7	7.5YR-8/2 Pinkish White Sandy Sand Damp								
		25'	10.1	31.6	3.13	0.06	188	0.4	5YR-7/4 Pink Sandy Sand Damp	48					<10.0	<10.0	
B5	6/3/11	0>1'	11.4	32.6	2.86	1.67	9548	0.8	2.5YR- 3/2 Dusky Red, Soft, Slightly Damp, Loamy, Topsoil								
		5'	13.3	31.7	2.38	0.93	4432	1.6	5YR-6/3 Light Brown, Soft, Sandy Caliche, Semi-Rocky, Slightly Damp								
	9/13/11	10'	10.3	32.8	3.18	1.04	3311	0.0	7.5YR-8/2 Pinkish White Sandy Sand Damp								
		15'	10	31	3.10	0.1	310	0.0	7.5YR-8/2 Pinkish White Sandy Sand Moist								
		20'	10	31.8	3.18	0.07	223	0.0	7.5YR-8/3 Pink Sandy Sand Damp								
		25'	10.3	29.1	2.83	0.05	141	0.2	7.5YR-7/3 Pink Sandy Sand Damp	64					<10.0	<10.0	
B6 Bckgrd	6/3/11	0>1'	10.2	34.9	3.42	0.02	137	1.1	2.5YR- 3/2 Dusky Red, Soft, Slightly Damp, Loamy, Topsoil								
		5'	10.6	31.2	2.94	0.02	118	0.1	5YR-6/3 Light Brown, Soft, Sandy Caliche, Semi-Rocky, Slightly Damp								
		10'	9.5	32.6	3.43	0.05	172	1.3	7.5YR-3/2 Pinkish White, Semi-hard, rocky, sandy, caliche, Dry								



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**Remediation and Site Restoration Protocol  
New Mexico Salt Water Disposal Jenkins Sta. 13 S. Leak  
1RP- 2611**

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**1.0 Purpose**

This protocol is to provide a detailed outline of the steps to be employed in the remediation of produce water and hydrocarbon leak affected area in Lea County, New Mexico.

**2.0 Scope**

This protocol is site specific for the above project.

**3.0 Preliminary**

Prior to any field operations, Whole Earth Environmental shall conduct the following activities:

**3.1 Client Review**

3.1.1 Whole Earth shall meet with appointed personnel within New Mexico Salt Water Disposal Co. to review this protocol and make any requested modifications or alterations.

3.1.2 Changes to this protocol will be documented and submitted for final review by New Mexico Salt Water Disposal Co. prior to the initiation of actual fieldwork.

3.1.3 Upon client approval, this protocol and supporting documentation will be submitted to the Hobbs district office of the NMOCD for approval.

**4.0 Safety**

4.1 Prior to work on the site, Whole Earth shall obtain the location and phone numbers of the nearest emergency medical treatment facility. We will review all safety related issues with the appropriate NMSWD personnel, sub-contractors and exchange phone numbers.

4.2 A tailgate safety meeting shall be held and documented each day. All sub-contractors must attend and sign the daily log-in sheet.

- 4.3 Anyone allowed on to location will be wearing standard PPE. Each vehicle must be equipped with two way communication capabilities.

## **5.0 Remediation Procedure**

5.1 The immediate leak area was excavated for replacement of the defective pipeline and the system was put back into service. Presently the system operator is updating the entire system with new poly line being slipped lined within the old existing pipeline preventing any further future leaks. The impacted area covered approx. 16,476sqft. These areas will be excavated to 4' below ground surface, having a total of approx. 2441cyds that will be disposed of at GMI Land Disposal site. Sampling of all side walls and bottom will be performed in accordance with WEQP-77 BTEX, TPH and chlorides.

5.2 After completion of sampling the excavation, the site will be backfilled with approx. 6" of clean topsoil either purchased from the land owner, or GMI. This material will serve as padding for the Geo-Synthetic liner that will be placed over the entire excavation, an additional 6" to 12" of the same material will be placed over the top of the liner. The site will then be backfilled with clean material either purchased from the land owner or GMI.

## **6.0 Site Restoration Procedure**

6.1 At completion of backfilling the site will be re-contoured to its pre-existing state with a slight mounding of the excavated area. The site will then be seeded using an approved seed mixture by the land owner.

## **7.0 Closure Report**

At the conclusion of the project, Whole Earth shall prepare a closure report which contains the following minimum information:

- Photographs of the location prior to remediation
- Photographs of all excavations at the point of maximum soil removal
- Photographs of the location at time of final closure
- All pre-closure contaminant concentrations
- Copies of this protocol and all testing procedures
- A list of all materials amount sent to commercial disposal
- Tags from the approved seed mixture bags