AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.

App Number: pKJ1606832672

1RP - 4200

NEW MEXICO SALT WATER DISPOSAL COMPANY

3/8/2016

MAR 08 2016

1RP-2610

NMSWD JENKINS STA. 13 N. LEAK

PROTOCOL 152

Approved
Deeb Sahin
Env. Specialist
NMOCD-HOBBS
1/23/12

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

ABOND NUMBER STATE 001
30.025.01814 '00.00

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	25	9S	34E	1,466'	SOUTH	1,277'	EAST	LEA

Latitude: 33.501993 **Longitude:-103.412950**

NATURE OF RELEASE

Type of Release: saltwater	Volume of Release: 15bbls	Volume Recovered: 0bbls
Source of Release: breakage in transfer line	Date and Hour of Occurrence: 4-6-11 1:00 pm	Date and Hour of Discovery: 4-6-11 1:30 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? OCD – Hobbs – Maxey Brown (left message)	
By Whom? Mr. Will Palmer	Date and Hour: 4-7-11 9:00 am	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

AMENDED

GW @ 1105'

Describe Cause of Problem and Remedial Action Taken.*
8" line cracked and burst during pumping operations. Replaced affected line. Lowering line pressure.

Describe Area Affected and Cleanup Action Taken.*
The area affected included the immediate area around the leak totaling 600ft2. Affected soil (material excavated to repair line) removed and disposed of in certified landfill. Suitable fill dirt from land tenant secured for affected area (to secure line replacement and prevent replacement). WEE Inc. contracted to perform em survey and 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.

Signature: William V. Palmer

Printed Name: William V. Palmer

Title: Superintendent

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

Date: ~~4-11-~~ 05-19-11 Phone: (575) 396-5391

OIL CONSERVATION DIVISION

Approved by ~~District Supervisor:~~ ENV ENGINEER: Geoffrey Leking

Approval Date: 05/20/11 Expiration Date: 07/20/11

Conditions of Approval: DELINEATE TO CLEAN +1. SUBMIT FINAL C-141 BY 07/20/11

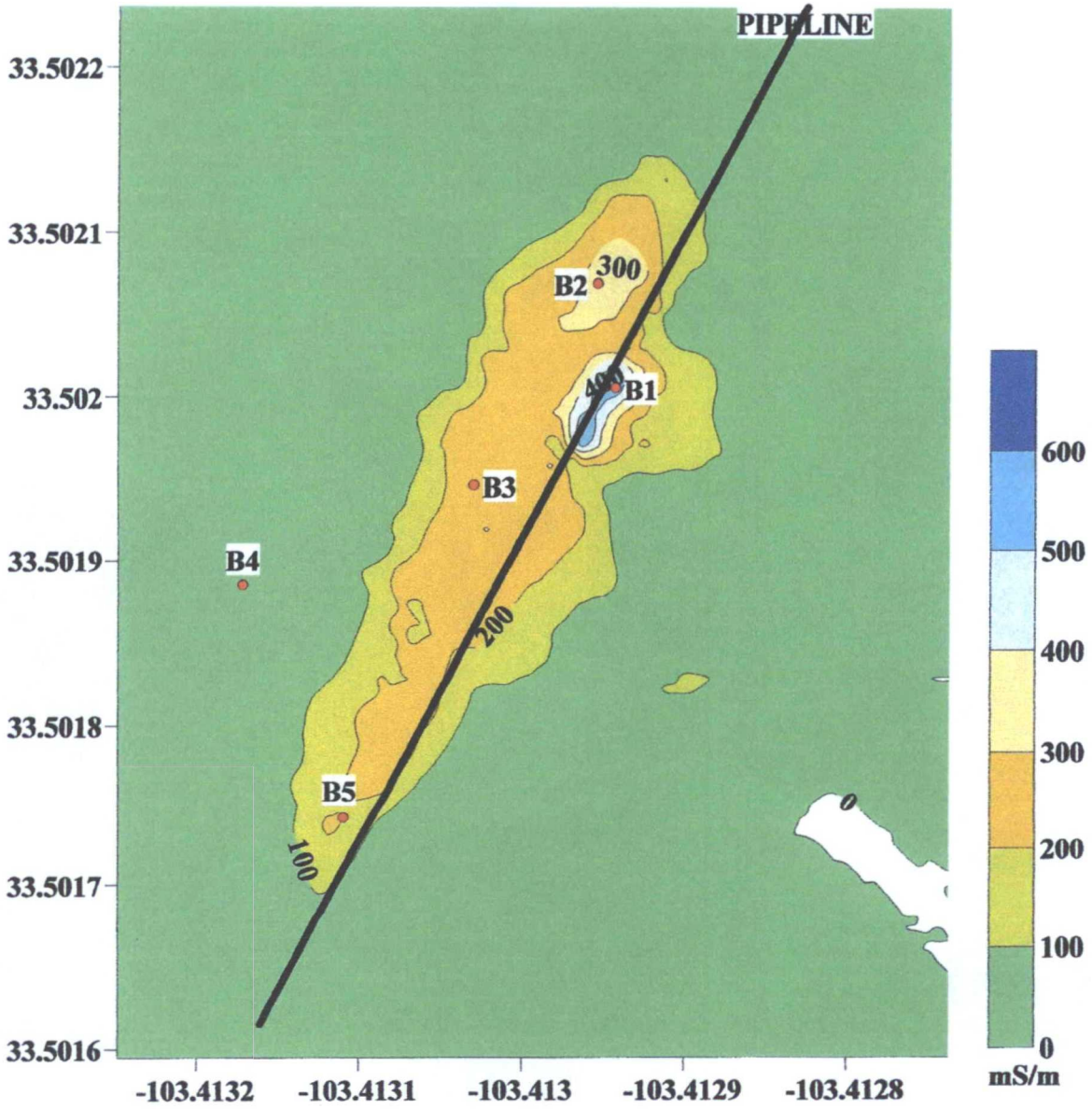
Attached ☐

IRP-05-11-~~26~~10

* Attach Additional Sheets If Necessary

4200

NMSWD JENKINS STA. 13 N. LEAK
UL/I SEC 25S - T9S - R34E
INACTIVE WINDMILL STOCK 1019' NE OF LEAK
EM38 SURVEY AREA 0.84 acre



WEE INC. CL- FIELD TITRATION RESULTS

LOCATION: NMSWD Jenkins Station #13 N. Leak Bore

Sample pt.	DATE	DEPTH	SOIL	WATER	CF	$AGNO_3$	CL-	PID	SOIL LITHOLOGY	LAB RESULTS CL-	B	T	E	X	GRO	DRO
B1 Source	5/24/11	Surface > 1'	9.8	31.7	3.23	3.75	12126	n/a	2.5YR-3/2 Dusky Red, Soft, Dry, Loamy, Topsoil	13600					<10.0	<10.0
		2.5' bgs	10.8	31	2.87	1.03	2956	n/a	7.5YR-5/4 Brown, Soft, Slightly Rocky, Sandy, Dry							
		5' bgs	11.9	33.2	2.79	1.74	4853	n/a	7.5YR-6/3 Light Brown, Soft, Sandy, Caliche, Dry, Slightly Rocky							
		10' bgs	9.7	34.5	3.56	1.32	4693	n/a	7.5YR-6/3 Light Brown, Soft, Sandy, Caliche, Dry, Slightly Rocky							
	5/25/11	15' bgs	11.1	31	2.79	0.99	2764	2.1	7.5YR-6/3 Light Brown, Soft, Sandy, Caliche, Damp, Slightly Rocky							
	9/13/11	20'	10.2	32.1	3.15	0.05	157	0.2	5YR-8/2 Pinkish White Sandy Sand Damp							
		25'	10	29.1	2.91	0.03	87	0.6	5YR-7/3 Pink Sandy Sand Dry	32.0					<10.0	<10.0
B2	5/27/11	Surface	9	32.5	3.61	3	10830	n/a	5YR-3/1 Very Dark Gray Loam Moist							
		5'	12.5	29.2	2.34	2.35	5488	n/a	5YR-3/1 Very Dark Gray Loam Moist							
		10'	13.4	31.2	2.33	0.38	885	n/a	5YR-3/1 Very Dark Gray Loam Moist							
	9/12/11	15'	10.1	30.4	3.01	0.08	241	0.8	7.5YR-8/2 Pinkish White Sandy Sand w/Slight Gravel Dry							
		20'	10	29	2.90	0.07	203	1.4	7.5YR-8/1 White Sandy Sand Dry	96.0					<10.0	<10.0
B3	9/13/11	0>2'	10.2	30.9	3.03	3	9085	0.4	5YR-3/3 Dark Reddish Brown Sand Moist	11000.0					<10.0	<10.0
		2'>4'	10.6	34.4	3.25	1.08	3504	0.2	7.5YR-8/3 Pink Sandy Sand Damp							
		4'>6'	10.1	32.6	3.23	0.79	2549	0.5	7.5YR-8/3 Pink Sandy Sand Damp							
		10'	10.1	33.1	3.28	0.06	197	0.2	7.5YR-8/3 Pink Sandy Sand Damp							
		15'	10	31	3.10	0.05	155	0.5	7.5YR-8/3 Pink Sandy Rocky Sand Damp	32.0					<10.0	<10.0
B4 Bckgrd	5/26/11	Surface > 1'	11.8	30.8	2.61	0.02	52	1.3	2.5YR-3/2 Dusky Red, Soft, Dry, Loamy, Topsoil	<16.0					<10.0	<10.0
		5'	12.4	30.4	2.45	0.03	74	2.1	7.5YR-6/3 Light Brown Soft Sandy Caliche Dry Slightly Rocky							
		10'	13.2	32.2	2.44	0.03	73	1.4	7.5YR-6/3 Light Brown Soft Sandy Caliche Slightly Damp & Rocky	32.0					<10.0	<10.0
B5	5/26/11	Surface > 1'	8.7	31.1	3.57	3.32	11864	2.1	2.5YR-3/2 Dusky Red, Soft, Dry, Loamy, Topsoil							
		5'	12.2	33	2.70	0.33	892	1.4	7.5YR-6/3 Light Brown Soft Sandy Caliche Dry Slightly							
	5/27/11	10'	12.7	27.4	2.16	0.22	474	1.0	7.5YR-3/2 Pinkish White Sandy Rocky Caliche Dry							
		15'	13.8	29.9	2.17	0.17	368	1.6	7.5YR-3/2 Pinkish White Sandy Rocky Caliche Dry	352.0						
		20'	15.8	28.9	1.83	0.1	183	1.0	7.5YR-3/2 Pinkish White Sandy Rocky Caliche Dry	192.0					<10.0	<10.0

Remediation and Site Restoration Protocol
New Mexico Salt Water Disposal Jenkins Sta. 13 N. Leak
1RP - 2610

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 measurements are as follows; 1) 52' x 29', 2) 88' x 36', & 3)28' x 12'. These areas will be excavated to 4' below ground surface, having a total of approx. 772cyds that will be disposed of properly 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