

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
E12607 - Strata Operating/Greentide Water Disposal, Ltd. - Removal Polrep
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VI

Subject: POLREP #1
Initial and Final
E12607 - Strata Operating/Greentide Water Disposal, Ltd.

Boyd, TX
Latitude: 33.0841880 Longitude: -97.6303580

To:
From: Gary Moore, On-Scene Coordinator
Date: 11/9/2011
Reporting Period:

1. Introduction

1.1 Background

| | |
|-------------------------------------|--------------------------------------|
| Site Number: | Contract Number: |
| D.O. Number: | Action Memo Date: |
| Response Authority: OPA | Response Type: Emergency |
| Response Lead: EPA | Incident Category: |
| NPL Status: | Operable Unit: |
| Mobilization Date: 11/8/2011 | Start Date: 11/8/2011 |
| Demob Date: 11/8/2011 | Completion Date: 11/8/2011 |
| CERCLIS ID: | RCRIS ID: |
| ERNS No.: | State Notification: 11/8/2011 |
| FPN#: E12607 | Reimbursable Account #: |

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

On November 8, 2011 at approximately 0830, a lightning strike on a 1000 barrel gun barrel tank at the Greentide Water Disposal Facility located at Boyd, Wise County, Texas which resulted in an explosion and fire. This facility performs deep well injection of produced waters from oil and gas operations. At the time of the explosion, the facility was not-operating due to extensive upgrades that had been and were being conducted. The facility consisted of 7 storage tanks and equipment along with a water disposal well. The facility had residual materials within the tankage (produced water and crude oil) and water treatment chemicals (scale inhibitor and surfactants). The fire completely destroyed the storage and pumping operations of the facility. The estimated volume of materials impacted by the fire were 40 barrels of crude oil, unknown amount of produced water, and 80 gallons each of a Scale Inhibitor and Surfactant. These materials were either burned in the resultant fire or remain within secondary containment.

The EPA became aware of the incident at approximately 1000 hrs and conducted followup activities with TCEQ and local Fire Officials prior to dispatching a response team. The EPA along with air monitoring equipment arrived on-scene at 1300 hrs and EPA was informed that the fire had been extinguished at approximately 1220 hrs. Upon arrival, the EPA observed no smoldering and no releases of material beyond secondary containment. EPA did not conduct any air monitoring or sampling as the fire was no longer burning. Additionally, EPA is not aware of any air monitoring or sampling activities conducted by any other party relative to this response.

1.1.2.1 Location

Greentide Water Disposal Facility
(Contract Operator: Strata Operating)
1423 E. Hwy 114
Boyd, Wise County, Texas 76023

1.1.2.2 Description of Threat

The associated threat was the potential release of produced waters and crude oil (Salt Creek to West Fork of the Trinity River) as well as the potential human health impacts due to air releases from the fire.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Upon EPA arrival on site at 1300 hrs, the fire had been extinguished. All storage tanks had been compromised and destroyed by the fire. All materials that did not burn were contained within secondary containment except for some minor seepage through the secondary containment.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

The local Fire Department responded and extinguished the fire. The EPA/TCEQ responded to evaluate the incident but arrived after at the end of fire fighting activities. The TRRC responded and is the lead agency for Texas to insure cleanup of the site.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Greentide Water Disposal, Ltd. is the owner of the facility. Strata Operating is the contract operator for the facility.

2.1.4 Progress Metrics

| <i>Waste Stream</i> | <i>Medium</i> | <i>Quantity</i> | <i>Manifest #</i> | <i>Treatment</i> | <i>Disposal</i> |
|---------------------|---------------|-----------------|-------------------|------------------|-----------------|
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2.2 Planning Section

2.2.1 Anticipated Activities

The TRRC commission will be over seeing the cleanup and restoration of the facility. It is anticipated that the materials contained within secondary containment will be removed and soils will be excavated for disposal. All equipment will likely be removed and scrapped as most has been damaged beyond repair.

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

The TRRC will be overseeing the cleanup and restoration activities. The EPA plans no further response activities as there was no release of materials to waters of the United States.

2.2.2 Issues

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

Responding personnel for EPA included 1 FOSC and 1 START FTL.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.