

**State of Colorado
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109



#6937

FOR OGCC USE ONLY

RECEIVED
5/31/2012

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☐ Site/Facility Closure ☒ Other (describe): Pit Closure Amendment

OGCC Employee:

☐ Spill ☐ Complaint
☐ Inspection ☐ NOAV

Tracking No: 1949103

OGCC Operator Number: 24461

Name of Operator: Diversified Operating Corporation

Address: 15000 W 6th. Ave. Suite 102

City: Golden State: CO Zip: 80401

Contact Name and Telephone:

Bill Warburton

No: 303 384-9611

Fax: 303 384-9612

API Number: 05-057-6124-00

County: Jackson

Facility Name:

Facility Number: 115269

Well Name: Allard

Well Number: 30-8-5

Location: (QtrQtr, Sec, Twp, Rng, Meridian): SENE Sec 30 T10N R79W 6thPM Latitude: 40.812241 Longitude: 106.301789

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): Crude Oil

Site Conditions: Is location within a sensitive area (according to Rule 901e)? ☐ Y ☒ N If yes, attach evaluation.

Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): Grazing Land

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Dobrow Loam

Potential receptors (water wells within 1/4 mi, surface waters, etc.): None

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):

☒ Soils☐ Vegetation☐ Groundwater☐ Surface Water

Extent of Impact:

Oil stain on pit Berm

How Determined:

Visual

REMEDIALATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):

Reference: Document Number 1649103 REM #6937 The ditch operator expects the water to be turned off around July 15 2012. DOC will wait two weeks after the ditch water is turned off, pull the water out of the Allard pit into a storage tank, and wait a week for the pit to dry out. The water will be hauled to Great Divide Disposal at Maybell, Colorado.

Describe how source is to be removed:

Once the pit is dry, the contaminated dirt will be removed with a backhoe. It will be piled with the existing contaminated soil and let dry for two weeks. Once soil is dry enough for the Twin Environ disposal company to accept it will be hauled in to the site. The chain of custody will be documented by Trucking Company Bill of Lading and delivery receipt from the licensed Disposal Facility in Steamboat Springs, CO.

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:

The soil from the sides and bottom of the Allard pit will be collected and sent to ACZ Laboratories in Steamboat Springs and analyzed for BETX content. Once the sample passes COGCC requirements the pit will be backfilled and the operation will be under the direction of Randy Miller.



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REMEDIATION WORKPLAN (Cont.)

Tracking Number: 1949103 / REM # 6937
Name of Operator: Diversified
OGCC Operator No: 24461
Received Date: 5/31/12
Well Name & No: _____
Facility Name & No: 115269

OGCC Employee: _____

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

Document Number 1949103, REM #6937 Pit will be backfilled in stages because of the shallow water table. Every attempt will be made to have this done before winter 2012 sets in. It is essential that we do the backfill in such a way that the soil is allowed to dry to some degree before the next layer is added. The area will not be seeded at this time since it is on the working production pad.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☒ N If yes, describe:

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: _____ Date Site Investigation Completed: _____ Date Remediation Plan Submitted: 05/31/2012
Remediation Start Date: 04/03/2012 Anticipated Completion Date: 11/30/2012 Actual Completion Date: _____

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Bill Warburton

Signed: Bill Warburton

Title: Petroleum Engineer

Date: 05/31/2012

OGCC Approved: Cheryl J. Finner

Title: Env. Sup.

Date: 5/31/12