

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

OGCC Employee:

Spill Complaint
 Inspection NOAV

Tracking No: 1949103

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 Operator Number: <u>24461</u>	Contact Name and Telephone: <u>Bill Warburton</u>
Name of Operator: <u>Diversified Operating Corporation</u>	No: <u>303 384-9611</u>
Address: <u>15000 W 6th. Ave. Suite 102</u>	Fax: <u>303 384-9612</u>
City: <u>Golden</u> State: <u>CO</u> Zip: <u>80401</u>	
API Number: <u>05-057-6124-00</u> County: <u>Jackson</u>	
Facility Name: _____ Facility Number: <u>115269</u>	
Well Name: <u>Allard</u> Well Number: <u>30-8-5</u>	
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>SENE Sec 30 T10N R79W 6thPM</u> Latitude: <u>40.812241</u> Longitude: <u>106.301789</u>	

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):	Extent of Impact:	How Determined:
<input checked="" type="checkbox"/> Soils	<u>Oil stain on pit Berm</u>	<u>Visual</u>
<input type="checkbox"/> Vegetation	_____	_____
<input type="checkbox"/> Groundwater	_____	_____
<input type="checkbox"/> Surface Water	_____	_____

REMEDIATION 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.

FORM
27
Rev 6/99

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

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REMEDIATION WORKPLAN (Cont.)

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: Ally J. Fran Title: Env. Sup. Date: 5/31/12