

## HUNGRY HORSE, LLC ENVIRONMENTAL SERVICES

Dirt Work      \*      On-Site Remediation      \*      Soil Testing      \*      Excavation

21Feb12

To: Mike Bratcher, NM OCD  
Jim Amos, BLM  
Reference: Remediation Work Plan  
Operator: DCP Midstream  
Location: Parkway Booster Station  
Legals: Sec.34, T18S, R31 E Eddy County, NM  
GPS: N32.7002 W103.8568

### Site Update

On 15Feb12, an unplanned release at the Parkway Booster Station was discovered. An area off the north east corner of the station was affected by the release of oil coming from the site emergency vent. The affected area was a cone shaped plume extending outward to the north east from the vent. This area is approximately 1400'L X 350'W (widest point). Please see the attached C 141 for specifics. The Lea County Depth to Groundwater Map indicates the depth to groundwater is approximately 200'-300'. There are no known water wells or surface bodies of water within 1000' of this location. Thus, a site ranking score of "0" is assigned to this site. Based upon this guidance, 50ppm BTEX and 5000ppm of TPH will be the goal for remediation.

### Work Conducted to Date

We, Hungry Horse, were contacted upon discovery of the release. Equipment and personnel were mobilized to the site for remedial action in order to prevent further spreading and migration of the contaminants. Livestock in the immediate vicinity also posed a challenge and needed to be protected. Due to the quick reaction, no livestock were affected. All saturated oil was thoroughly mixed with dry soil to eliminate free stranding liquid and the contaminated soil was promptly transported for disposal. An emergency 811 Call was conducted in order for remedial action to begin. Mr. Jim Amos was also contacted and advised of the remedial action plan.

The area just outside the fence had a heavy concentration of free standing liquid. This area was mixed with fresh soil nearby to assist in soaking up the liquid. The area was also excavated to a depth of approximately 3' BGS (Below Ground Surface). At the same time, the area in the middle of the plume was also addressed as it had the heaviest concentration of overspray. A front end loader was used here to scrape approximately 3" of surface material in order to contain the overspray and prevent it from migrating downward and also to prevent the livestock from being affected. All material was stockpiled for disposal.

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Thursday, 16Feb12, and part of Friday, 17Feb12, was spent transporting the stockpiled material to CRI and Lea Land. I visited the site on Friday, to assess the progress of the remedial action. The remedial action was successful in preventing the further migration.

**Proposed Remediation Plan**

Excavation at the corner of the fence at the site of the heaviest free-standing liquid was conducted to a depth of approximately 4' BGS (20'L x 10W x 4'D). No visible or aromatic evidence of hydrocarbons was present. A soil sample was obtained and sent for lab analysis. Chloride, TPH, and BTEX levels are all below the limits for closure. Lab results are attached. I propose to backfill this area and contour to match the surrounding terrain.

The remainder of the affected area is affected with a light over spray or has had the overspray removed. There is no downward migration of contaminants in this area. Due to successful remediation projects of this manner in the past, I propose to remediate this area by heavily disking/tilling the soil and seeding it with a BLM approved seed mixture. When moisture conditions are favorable for re-growth, I am confident vegetation will be prevalent throughout the remediated area.

Cc. Jon Bebbington, DCP, Midland Office



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Vernon K. Black, Hungry Horse LLC