

**RECEIVED**

*By OCD; Dr. Oberding at 10:37 am, Apr 10, 2015*

1RP-3518

April 8, 2015

State of New Mexico  
Energy, Minerals and Natural Resource Department  
Oil Conservation Division

Tomáš 'Doc' Oberding PhD  
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Oil Conservation District, EMNRD  
1625 North French  
Hobbs, NM 88240

**APPROVED**

Conditionally

*By OCD; Dr. Oberding at 10:37 am, Apr 10, 2015*

Dr. Oberding

Subject: Work Plan RGS Trucking Fasken-Luguna 16-2

On February 5, One Source Industrial Environmental began investigation at the Laguna Illegal Spill site. One Source used a backhoe to excavate a total of six (6) sample points to a depth of 3' – 7' at which point we encountered rock and were unable to excavate any further with our backhoe. (Note: on the outer edges of the impacted area the depth to rock was 3' but at sample point 6 (SP 6) we were able to excavate to 7'). Field screening was accomplished on March 13, 2015 in order to determine the vertical delineation.

We propose to excavate an area 240' x 120' x 4' and then install a 20 mil plastic liner at the bottom of the excavation to prevent the future migration of the residual chloride impact. Clean soil will be imported as backfill and placed on top of the plastic liner to grade. The contaminated soil will be manifested and hauled off to the nearest disposal facility or landfarm (to be determined). Remedial activities will commence pending approval of this work plan by the NMOCD.

Field screening results and a "Google" field sampling map are attached for your review.

If you have any questions, please call or email.

Thank you

*Julio C Martinez*

Julio C Martinez  
One Source Industrial Environmental  
432-202-3096

Stipulations-

- 1) Sweep caprock to remove additional ~Cl before installation of liner.
- 2) Pad liner to prevent damage from caprock

# Laguna Illegal Dumping Site - Sampling Sketch - 4/7/2015

|                  |        |      |
|------------------|--------|------|
| Field Screen 1   | 0' - 1 | ND   |
| Field Screen 1   | 1' - 2 | ND   |
| Field Screen 2   | 0' - 1 | 3824 |
| Field Screen 2   | 1' - 2 | 1172 |
| Field Screen 3   | 0' - 1 | 4515 |
| Field Screen 3   | 1' - 2 | 3824 |
| Field Screen 4   | 0' - 1 | 4515 |
| Field Screen 4   | 1' - 2 | 2040 |
| Field Screen 4A  | 0' - 1 | ND   |
| Field Screen 4A  | 1' - 2 | ND   |
| Field Screen 5   | 0' - 1 | ND   |
| Field Screen 5   | 1' - 2 | ND   |
| Field Screen 6   | 0' - 1 | 3824 |
| Field Screen 6   | 1' - 2 | 3224 |
| Field Screen 7   | 0' - 1 | 2040 |
| Field Screen 7   | 1' - 2 | 4155 |
| Field Screen 8   | 0' - 1 | 2040 |
| Field Screen 8   | 1' - 2 | 4904 |
| Field Screen 8A  | 0' - 1 | ND   |
| Field Screen 8A  | 1' - 2 | ND   |
| Field Screen 9   | 0' - 1 | ND   |
| Field Screen 9   | 1' - 2 | ND   |
| Field Screen 10  | 0' - 1 | 3824 |
| Field Screen 10  | 1' - 2 | 2955 |
| Field Screen 10A | 0' - 1 | ND   |
| Field Screen 10A | 1' - 2 | ND   |
| Field Screen 11  | 0' - 1 | ND   |
| Field Screen 11  | 1' - 2 | ND   |
| Field Screen 12  | 0' - 1 | ND   |
| Field Screen 12  | 1' - 2 | ND   |

Flow Pattern ➡

Approximate Release Points

Google earth

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