



Aubrey Dunn
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

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MEMORANDUM

Date: 10/13/2016

To: Aubrey Dunn, Commissioner of Public Lands
Laura Riley, Deputy Commissioner

A handwritten signature in blue ink, appearing to be "LPR", is written over the "To:" line.

Through: Michael Perry, Assistant Commissioner of Field Operations A handwritten signature in blue ink, appearing to be "MP", is written over the "Through:" line.

Through: Field Operations Division Handwritten initials "WSB" in blue ink are written next to the "Through:" line.

From: Amber Groves, Remediation Specialist

Subject: Siana Site Delineation

The current NMOCD-approved site delineation plan requires relocation of the soil pile, drilling and sampling one vertical soil bore (SB-1) to 100 feet bgs, and two additional soil bores (SB-2 and SB-3) to 50 feet bgs. We recommend that the following requirements be added to the delineation plan. We also recommend that delineation take place in one day, rather than in multiple segments over time, and that SLO staff be present at the time of sampling to oversee and direct any additional sampling that may be required. During site delineation, data will be field analyzed, and placement of additional soil bores determined at that time.

- ❖ Remove all tanks and equipment.
- ❖ Add one soil bore (SB-4) in the tank loading bay and collect soil samples for laboratory analysis at 2-foot below ground surface and at 5-foot intervals (5, 10, 15, 20, 25, etc. -feet below ground surface (bgs)) to full vertical extent (clean soil).
- ❖ Add one soil bore (SB-5) on the caliche pad between the tanks and the disposal well and collect soil samples for laboratory analysis at 2-foot below ground surface and at 5-foot intervals (5, 10, 15, 20, 25, etc. -feet below ground surface (bgs)) to full vertical extent (clean soil).

- ❖ Based on initial field test data gained from SB-1, SB-2, SB-3, SB-4 and SB-5, add additional soil bores with sampling as required to delineate horizontal and vertical extent of spill.
- ❖ In the event that SB-1, SB-2 and SB-3 do not show Chloride, TPH or BTEX levels below regulatory standards (clean soil) at depth, the soil bores should be extended to clean soil.
- ❖ The soil pile will be delineated.
- ❖ The area under the spoil pile located on the northwest corner will be delineated vertically and horizontally.