

Meeting notes:2/13/2015, Phone meeting called by Grynberg Petroleum.

Subject: discuss project progress and update on reclamation #8333 on pit 100600

Attendants: Clay Houser, Grynberg Petroleum, staff

Gene Webb, Grynberg Petroleum, staff

Carl Colby, Grynberg Petroleum; pumper and dirt contractor

Kris Neidel, COGCC Environmental Staff

Alex Fischer, COGCC Environmental Staff

Henceforth; COGCC: is Alex Fischer and/or Kris Neidel. Grynberg is referring to Clay Houser, Gene Webb did not speak at meeting.

Topics discussed:

Grynberg asked for "Guidance on to what extreme are we expected to go to get this done?"

COGCC advised them that soil needs to meet table 910-1, concentrations.

COGCC advised Grynberg that other options, than excavate and haul soil methods could be explored. Grynberg informed the COGCC that they will be investigating other methods for delineation and remediation and submit them to the COGCC as a amendment to project number 8333. The schedule for this submittal is expected to be in the next two weeks.

COGCC asked if extent (vertical and horizontal) of contamination has been determined, Grynberg said that extent has not been fully characterized. Grynberg informed the COGCC that they are discussing using Western American Drilling out of Craig (a water well rig) to come out and determine the vertical and horizontal extent. COGCC suggested that Grynberg consult with their environmental consultant regarding this. Field screening has been the only means of determining impact and the "sniffer" was reading about 2600 ppm. Analytical samples have not been collected to determine the levels of impact. It was suggested that samples be collected for analytical testing (BTEX, TPH-GRO, TPH-GRO). This will aid Grynbergs consultant in determining potential other remedial alternatives.

Grynberg asked why we did not discuss other methods, other than "dig and haul" initially, COGCC staff reminded Grynberg that there was; old cuttings, free product, heavily stained/saturated soil, some trash and other unidentifiable oil field waste.

COGCC expressed safety concern with the continuation of excavation. Carl Colby, said they "were not taking any risks". COGCC reminded Grynberg that the COGCC will not, or has not, directed any Grynberg contractors to do any work.

The surface owner (Pat O'Toole) has been contacted and was last updated on the project when the excavation was about 30-35 feet deep. Grynberg has stated that they will address impacts as a result of the release from the pit.