

RZA AGRA, Inc.

Engineering & Environmental Services

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17 September 1993

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DEPT. OF ECOLOGY

W-9058

Washington Department of Ecology
Northwest Regional Office
3190 - 160th Avenue SE
Bellevue, Washington 98008-5452

Attention: Mr. Joe Hickey

Subject: Ecology Incident No. 2622

Dear Mr. Hickey:

During our telephone conversation on 3 September 1993, you inquired about the 12 April 1989 site visit where we returned to the site to observe the removal of soils with elevated TPH levels in the vicinity of the east sidewall of the used oil tank excavation; where we stated that "Water present in the excavation hampered efforts to excavate the contaminated soil". You requested a clarification regarding this water (was there groundwater observed and was it affected?). To address these questions, we have reviewed our files and spoken with our field representatives.

The east wall of the used oil tank excavation was adjacent to the tank cavity. According to our field representative, no groundwater seepage into the excavation was observed. Instead, the water was already present in the tank excavation (at a depth of about 2 to 3 feet below ground surface).

Similarly, when excavating further east from the used oil tank excavation, the former basement was encountered. This basement area was filled with saturated gravels. Standing water was noted at about 3 feet below grade. The walls of the basement were left in place. Samples taken of the soils outside the basement wall had TPH levels of 27 ppm or less. No groundwater seepage was noted outside the basement walls.

In summary, the removal of petroleum-impacted soils and water encountered relatively high permeability soils and gravels within poured concrete walls (the basement) or relatively low permeability glacial till (the used oil tank excavation). We interpret that these soils became saturated by surface water infiltration or

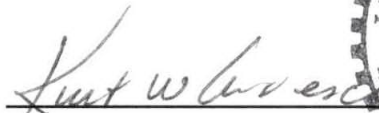


perched water flowing into the excavations. No indications of petroleum-impacted groundwater infiltration was noted after overexcavation of impacted soil and removal of accumulated surface water present in the excavation.

We have written this addendum letter on behalf of the current owner, Conner Companies, to provide additional information so that your project files are complete and the project can be closed. Please review the attached letter. We will call you in about one week to confirm that you received this letter, and to solicit your comments regarding the project status.

Respectfully submitted,

RZA AGRA, Inc.



James S. Dransfield, P.E.

Associate



EXPIRES 12/19/94

JSD/KWG/lad

cc: Conner Companies/Mr. John Dulcich

