

December 22, 2025

Reed Miner
Environmental Project Officer
Petroleum Tank Cleanup Section
PO Box 209001
Helena MT 59620

Subject: **MDT Kalispell Facility, 85 5th Ave E N, Kalispell, Flathead County, Montana; Facility ID 15-08733 (TID 20766), Petroleum Release 3130, Work Plan 35115**

The Montana Department of Transportation (MDT) has received your letter, dated December 9, 2025 regarding petroleum release 3130.

MDT has contracted with West Coast Environmental Consultants (WCEC) to conduct additional sublab sampling at the Kalispell Facility. WCEC will sample the previously installed vapor points SS1 and SS2.

To verify the integrity of the seal on the soil vapor points, helium gas will be used as a gaseous tracer in accordance with the Montana Vapor Intrusion Guide [MTDEQ, 2021]. Helium gas will be pumped into a shroud placed around the vapor point to achieve a minimum concentration of 20% helium gas measured in the field with a MGD 2002 helium leak detector. The vapor point will be purged of a minimum of three times the calculated volume of the tubing and vapor sampling point. Following the purging of air from the sample point, a helium gas measurement will be collected by directly attaching the helium detector to the tubing, to ensure that the tubing showed less than 10% of the helium concentration recorded in the shroud.

Sub-surface soil gas concentration measurements of oxygen, carbon dioxide, methane, and nitrogen will be collected during vapor point purging. Following adequate purging and verification of the vapor point integrity, a sample will be collected from each point using a SUMMA Cannister.

All air samples collected during the PVI investigation will be submitted to ALS Environmental (ALS) in Simi Valley, CA for analysis of VOCs using EPA method TO-15 and APH. Analysis will include ethylene dibromide and 1,2-dichloroethane, MTBE,

Benzene, Toluene, Ethylbenzene, Xylenes, 1,3-Butadiene, Naphthalene, C5-C8
Aliphatics, C9-C12 Aliphatics, & C9-C10 Aromatics.

MTDEQ Data Validation Summary Forms will be completed. Results will be tabulated into a report. Please review the attached cost proposal to complete these tasks. WCEC's cost proposal is a total of \$6,044.18.

Based on the recommendations and conclusions of the report, MDT staff may complete the Petroleum Mixing Zone application. It is estimated that MDT staff will spend up to 12 hours to finish the application. The hourly rate, including leave and benefits, is \$66.69. Therefore, the application estimate is \$800.28. If completed the total work plan amount is \$6,846.97.

Please don't hesitate to contact me with any questions or concerns.

Sincerely,



Aaron Anderson
MDT Remediation and Assessment

copies: Tyler Patton, WCEC