



# Oregon

Kate Brown, Governor

Department of Environmental Quality  
Northwest Region  
700 NE Multnomah Street, Suite 600  
Portland, OR 97232  
(503) 229-5696

September 9, 2024

Patricia Moll  
8426 NE Webster St.  
Portland, OR 97220-4647  
[mydoghuck@yahoo.com](mailto:mydoghuck@yahoo.com)

RE: No Further Action Determination  
for former Airport Auto Salvage Facility, Portland, Oregon  
ECSI #6484

Patricia Moll:

The Oregon Department of Environmental Quality (DEQ) has completed a review of the available information for the former Airport Auto Salvage site, including the closure report titled *Independent Cleanup Pathway Final Report* dated July 19, 2024, which was submitted to DEQ by Grant Associates, Incorporated (Grant Associates) on your behalf. The former Airport Auto Salvage site address is 4623 Northeast Buffalo Street in Portland, Oregon, Tax Lots 1000 and 1100 (Figure 2).

DEQ has determined that remedial action to address environmental contamination at the former Airport Auto Salvage site is complete, and no further action is required. This determination is a result of our evaluation and judgment based on the DEQ regulations and the facts as we now understand them including the following, and as more fully described in DEQ's Staff Memo dated July 30, 2024:

- The site was developed for agricultural uses by 1951. The property was then used as an automotive salvage facility from the late 1970s until 2021. Operations at the salvage yard consisted of wrecked automotive storage, dismantling of vehicles for parts, and draining automotive fluids.
- The site and adjacent properties are zoned general industrial 2 (IG2); however, the adjacent properties south of Northeast Buffalo are described as single-family residential properties despite being zoned IG2. Due to the city zoning restrictions, the site and adjacent properties are reasonably likely to continue operating as commercial or industrial businesses in the future. The site is in the process of being sold to Blessing Landscapes, a landscaping business.
- Soil samples were analyzed for metals, polycyclic aromatic hydrocarbons, polychlorinated biphenyls, total petroleum hydrocarbons (TPH), and organochlorine pesticides (Table 1). Lead, arsenic, and TPH as oil (TPH-O) were detected in soil at concentrations greater than applicable risk-based concentration (RBC) screening levels.
- The arsenic concentration in one soil sample exceeded the regional background concentration and the construction worker RBC for the soil ingestion, dermal contact, and inhalation exposure pathway in soil. The exposure point concentration (EPC) for arsenic was calculated to be 6.2 milligrams per kilogram (mg/Kg) using the 90 percent (%) upper confidence limit.

The EPC still exceeds the soil ingestion, dermal contact, and inhalation RBC for an occupational scenario; however, it is less than the regional background concentration of 8.8 mg/Kg and, therefore, arsenic was not considered a contaminant of concern at the site.

- A soil removal action was conducted in 2023 to address elevated lead and TPH-O concentrations along the north exterior wall of the Equipment Shed. Confirmation samples from the excavation limits indicated the lead contamination extended beneath the shed; therefore, an additional soil removal action was conducted in February 2024 to remove the lead-contaminated soil from beneath the shed (Figure 3). Approximately 93 tons of the lead-contaminated soil were disposed of as hazardous waste at Chemical Waste Management's Arlington Landfill and approximately 98 tons of contaminated soil was disposed of at Waste Management's Hillsboro Landfill.
- Following the excavations, confirmation soil samples contained concentrations less than RBCs for occupational screening levels; however, there are areas where TPH-O concentrations still exceed RBCs protective of construction workers, as shown on Figure 4. There is a low probability that site workers will encounter these contaminants in near-surface soils; however, any soil disturbing activities located in the vicinity of the Equipment Shed excavation should be conducted in accordance with the approved Contaminated Media Management Plan (CMMP).
- Groundwater samples contained detectable concentrations of TPH-O, methyl tert-butyl ether, fluorene, naphthalene, and metals (Table 2); however, the concentrations did not exceed the respective groundwater in excavation RBCs for construction/excavation worker. Therefore, potential risks to construction/excavation workers via groundwater contamination have been ruled out.
- Groundwater at the site is not used for drinking water purposes. A beneficial water use survey was conducted and determined that, based on the distances and locations relative to the site, contamination at the site is unlikely to impact municipal water sources or domestic water wells.
- The Ferrous Slough is an intermittent stormwater drainage ditch located along the northern property boundary that drains via Portland outfall AAL552 to the Columbia Slough. There is a gravel berm that acts as a barrier to stormwater sheet flow towards the Ferrous Slough. However, stormwater at the site generally infiltrates into the gravel surfaces.
- There are no complete exposure pathways to ecological receptors at the site. Based on the known extent of the soil and groundwater contamination, ecological receptors are unlikely to be impacted.
- A public notice regarding the proposed No Further Action determination was issued for the site on August 1, 2024. No public comments were received during the 30-day comment period.

Based on the available information, soil and groundwater conditions at the former Airport Auto Salvage site are currently protective of public health and the environment in accordance with Oregon environmental cleanup law, Oregon Revised Statutes (ORS) 465.200 et seq. The site requires no further action unless new or previously undisclosed information becomes available, or there are changes in site development or land and water uses, or more contamination is

discovered. DEQ will update the Your DEQ Online (YDO) project records to reflect this decision.

This letter only applies to the release(s) discussed above. If any contaminated media is encountered in the future, it must be handled and disposed of in accordance with local, state and federal regulations. Monitoring wells should be maintained or decommissioned in accordance with Oregon Water Resources Department regulations.

A copy of the Grant Associates closure report and DEQ's Staff Memo supporting this No Further Action decision can be viewed at <https://ordeq-edms-public.govonlinesaas.com/pub/pub-rcd/projects/review/9/5605;tab=printBasic>. DEQ recommends keeping a copy of all of the documentation associated with this remedial action with the permanent facility records. If you have any questions, please contact Rebecca Digiustino at (503) 926-2257 or via email at [rebecca.digiustino@deq.oregon.gov](mailto:rebecca.digiustino@deq.oregon.gov).

Sincerely,

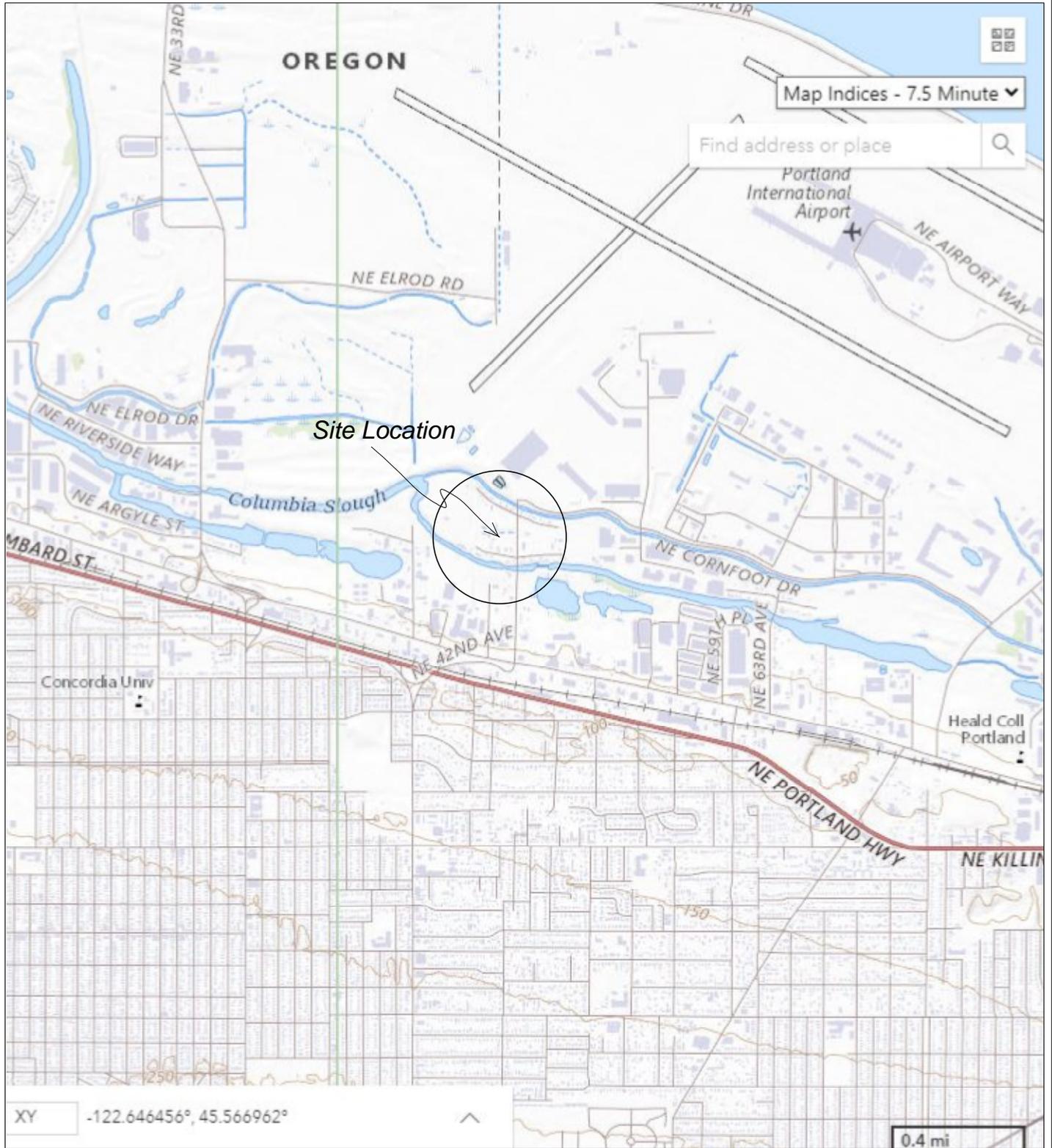


Kevin Parrett, Manager  
Northwest Region Cleanup Section

Attachment(s):

- Figure 1 – Site Location Map
- Figure 2 – Site Features Aerial Photos Map
- Figure 3 – Cleanup Excavation and Characterization Map
- Figure 4 – Nature and Extent of Contamination
- Table 1 – Summary of Analytical Data, Soil
- Table 2 – Summary of Analytical Data, Groundwater
- Contaminated Media Management Plan

cc: Rebecca Digiustino, DEQ  
Jeffrey K. Schatz, DEQ  
Charles Grant, Grant Associates  
Kris R. Byrd, Water Resources Department Well Construction Program Coordinator  
ECSI #6484 File



**Legend**

USGS 7.5' Series Topographic Map  
Mount Tabor Quad 1992



Figure 1: Former Airport Auto Salvage Property  
Site Location Map  
4623 NE Buffalo Street/Portland, OR 97219  
DEQ ECSI Site ID #6484

GRANT ASSOCIATES, Inc.  
Portland, Oregon  
503-234-4299

Drawn By: CRG

Date:

Project No. 2207-1865



**Legend**

Base Map from Google Earth 2020



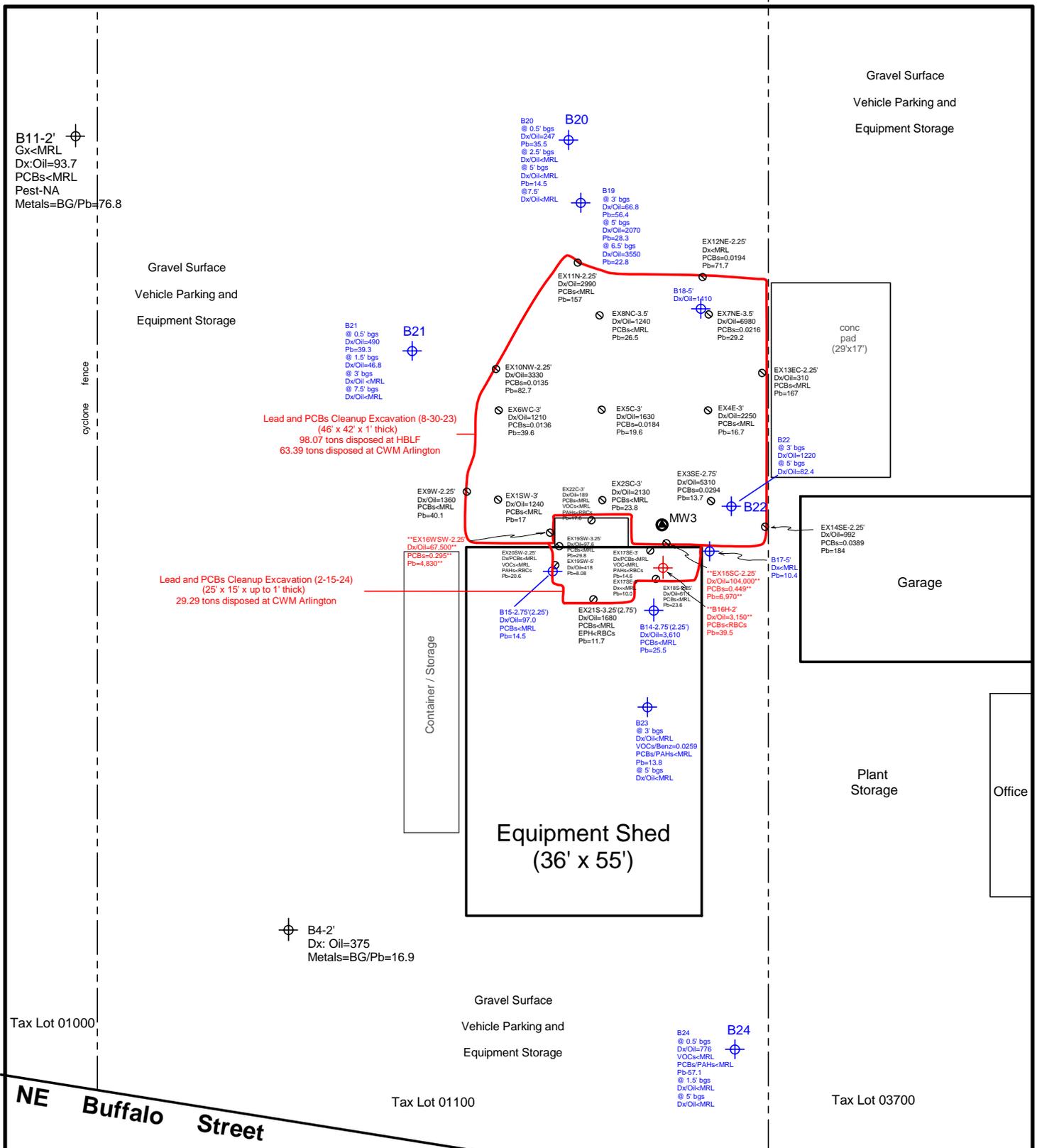
Figure 2: Site Features Aerial Photos Map  
 Former Airport Auto Salvage Facility  
 4623 NE Buffalo Street/Portland, OR 97219  
 DEQ ECSI Site ID #6484

GRANT ASSOCIATES, Inc.  
 Portland, Oregon  
 503-234-4299

Drawn By: CRG

Date: 8-13-20

Project No. 2402



**Legend**

- B23 @ 3' bgs Dx/Oil=MRL @ 5' bgs Dx/Oil=MRL **Soil Boring Locations 2-7-24**
  - B14-2.75' Dx/Oil=3,610 PCBs=MRL Pb=25.5 **Soil Boring Locations**
  - EX5C-3' Dx/Oil=1630 PCBs=0.0184 Pb=19.6 **Soil Sample Locations with Sample Depths (ft) (with soil lab results in mg/kg; <MRL=not detected at or above method reporting limit); BG = Background concentrations; <RBC = less than Risk-Based Conc.; \*\* = material overexcavated and disposed at Chemical Waste Management Arling Landfill**
  - MW3 **Groundwater Monitoring Well Locations**
- Map not to scale  
Approximate scale: 1" = 20'

**Figure 3: Cleanup Excavation and Characterization Map**  
**Former Airport Auto Salvage Property**  
 4623 NE Buffalo Street/Portland, OR 97219  
 DEQ ECSI Site ID #6484

<b>GRANT ASSOCIATES, Inc.</b> Portland, Oregon 503-234-4299	Drawn By: CRG
	Date: 2-15-24
	Project No. 2402



**Legend**

- MW3 Groundwater Monitoring Well Locations
- ⊕ B3 Soil Boring and Groundwater Sample Locations
- Extent of contamination on site

Base Map from Google Earth 2021



Figure 4: Former Airport Auto Salvage Facility Nature and Extent of Contamination  
4623 NE Buffalo Street/Portland, OR 97219  
DEQ ECSI Site ID #6484

GRANT ASSOCIATES, Inc.  
Portland, Oregon  
503-234-4299

Drawn By: CRG

Date: 6-7-24

Project No. 2403-ICP

Table 1 - Summary of Analytical Data, Soil

Location ID	B1	B2	B3	B4	B5	B6	B7	B10	B11	B12	B14
Sample ID	B1-2	B2-5	B3-1	B4-2	B5-1.5	B6-1.5'	B7-2'	B10-2.25'	B11-2'	B12-1.5'	B14-2.75'
Date Sampled	7/20/2022	7/20/2022	7/20/2022	7/20/2022	7/20/2022	3/29/2023	3/29/2023	3/30/2023	3/29/2023	3/29/2023	11/22/2023
Depth Sampled (feet)	2	5	1	2	1.5	1.5	2	2.25	2	1.5	2.75
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)				
<b>Volatile Organic Constituents</b>											
Benzene	c, v	---	---	---	---	<0.00917 (ND)	---	---	---	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	<0.0229 (ND)	---	---	---	---	---
Ethylbenzene	c, v	---	---	---	---	<0.0229 (ND)	---	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
Naphthalene	c, v	---	---	---	---	<0.0917 (ND)	---	<0.0111 (ND)	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	<0.0688 (ND)	---	---	---	---	---
<b>Pesticides</b>											
Aldrin	c, v	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
Chlordane	c, v	---	---	---	---	0.017	0.01086	<0.00438 (ND)	<0.00556 (ND)	<0.00526 (ND)	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	0.00849	0.00781	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	0.0106	<0.00435 (ND)	<0.00219 (ND)	0.00302	<0.00263 (ND)	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
Dieldrin	c, nv	---	---	---	---	0.00543	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	<0.00221 (ND)	<0.0087 (ND)	<0.00438 (ND)	<0.00556 (ND)	<0.00526 (ND)	---
Endrin	nc, nv	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
Heptachlor	c, v	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
Heptachlor Epoxide	c, v	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
Hexachlorobenzene	c, v	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)	---
Toxaphene	c, nv	---	---	---	---	<0.0663 (ND)	<0.131 (ND)	<0.0656 (ND)	<0.0834 (ND)	<0.0789 (ND)	---
<b>Metals</b>											
Arsenic	c, nv	---	---	---	---	3.31	5	3.29	16.6	3.92	---
Barium	nc, nv	---	---	---	---	230	115	127	168	171	---
Cadmium	nc, nv	---	---	<0.301 (ND)	<0.233 (ND)	0.358	<0.25 (ND)	<0.229 (ND)	0.294	0.669	<0.284 (ND)
Chromium (III)	nc, nv	---	---	26.1	23.4	24.7	19.2	14.2	13.3	18.4	23.1
Copper	nc, nv	---	---	---	---	---	20.7	22.6	21	41.6	25.5
Lead	NA, nv	---	---	10.2	16.9	16.2	79.3	36.9	30.3	76.8	9.25
Mercury	nc, nv	---	---	---	---	---	<0.1 (ND)	0.109	<0.0989 (ND)	<0.116 (ND)	<0.114 (ND)
Silver	nc, nv	---	---	---	---	---	<0.25 (ND)	<0.229 (ND)	<0.247 (ND)	<0.29 (ND)	<0.284 (ND)
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	---	---	---	---	<0.0115 (ND)	<0.011 (ND)	<0.011 (ND)	<0.0135 (ND)	<0.0133 (ND)	<0.0143 (ND)
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	<0.0111 (ND)	---	---	---	---
Anthracene	nc, v	---	---	---	---	---	<0.0111 (ND)	---	---	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	<0.0111 (ND)	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	0.0144	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	0.0141	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	<0.0111 (ND)	---	---	---	---
Chrysene	c, nv	---	---	---	---	---	0.0142	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	<0.0111 (ND)	---	---	---	---
Fluoranthene	nc, nv	---	---	---	---	---	0.0167	---	---	---	---
Fluorene	nc, v	---	---	---	---	---	<0.0111 (ND)	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	0.0122	---	---	---	---
Pyrene	nc, v	---	---	---	---	---	0.0273	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	<6.21 (ND)	<8.9 (ND)	<7.54 (ND)	---
Generic Diesel / Heating Oil (DRO)	nc, v	<25 (ND)	<122 (ND)	<27.7 (ND)	<25 (ND)	368	---	<22.1 (ND)	<22.2 (ND)	<26.3 (ND)	<288 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	51.9	1280	<55.5 (ND)	375	1020	---	166	54.7	93.7	<52.7 (ND)

Notes:  
mg/Kg = milligram per kilogram or parts per million (ppm).  
<# (ND) = not detected at or above the laboratory method reporting limit shown.  
NE = not established.  
--- = not analyzed or not applicable.  
c = carcinogenic  
nc = noncarcinogenic  
v = volatile  
nv = nonvolatile  
GRO = gasoline-range organics.  
DRO = diesel-range organics.  
RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
(Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	B15	B16	B17	B18	B19			B20			
Sample ID	B15-2.75'	B16H-2'	B17-5'	B18-5'	B19-3'	B19-5'	B19-6.5'	B20-0.5'	B20-2.5'	B20-5'	B20-7.5'
Date Sampled	11/22/2023	11/22/2023	1/12/2024	1/12/2024	1/12/2024	1/12/2024	1/12/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024
Depth Sampled (feet)	2.75	2	5	5	3	5	6.5	0.5	2.5	5	7.5
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)
<b>Volatle Organic Constituents</b>											
Benzene	c, v	---	---	---	---	---	---	---	---	<0.0137 (ND)	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	<0.0343 (ND)	---
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	<0.0343 (ND)	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	<0.686 (ND)	---
Naphthalene	c, v	---	---	---	---	---	---	---	---	<0.137 (ND)	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	---	---	---	---	<0.103 (ND)	---
<b>Pesticides</b>											
Aldrin	c, v	---	---	---	---	---	---	---	---	---	---
Chlordane	c, v	---	---	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---	---
Endrin	nc, nv	---	---	---	---	---	---	---	---	---	---
Heptachlor	c, v	---	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---	---
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	---	---	---	---	---	---	---	---	6.14	---
Barium	nc, nv	---	---	---	---	---	---	---	---	170	---
Cadmium	nc, nv	---	---	---	---	---	---	---	---	<0.279 (ND)	---
Chromium (III)	nc, nv	---	---	---	---	---	---	---	---	22.9	---
Copper	nc, nv	---	---	---	---	---	---	---	---	---	---
Lead	NA, nv	14.5	39.5	10.4	---	56.4	28.3	22.8	35.5	14.5	---
Mercury	nc, nv	---	---	---	---	---	---	---	---	<0.11 (ND)	---
Silver	nc, nv	---	---	---	---	---	---	---	---	<0.275 (ND)	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0133 (ND)	0.037	---	---	---	---	---	<0.0116 (ND)	---	---
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Anthracene	nc, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Chrysene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Fluorene	nc, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Pyrene	nc, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<27.5 (ND)	<29.7 (ND)	<23.4 (ND)	<24 (ND)	<21.8 (ND)	<23.2 (ND)	<124 (ND)	<37.2 (ND)	<22 (ND)	<22.8 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	97	3150	<46.9 (ND)	1410	66.8	2070	3550	247	<44 (ND)	<45.5 (ND)

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	B21				B22		B23		B24		
Sample ID	B21-0.5'	B21-1.5'	B21-3'	B21-7.5'	B22-3'	B22-5'	B23-3'	B23-5'	B24-0.5'	B24-1.5'	B24-5'
Date Sampled	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024
Depth Sampled (feet)	0.5	1.5	3	7.5	3	5	3	5	0.5	1.5	5
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)					
<b>Volatle Organic Constituents</b>											
Benzene	c, v	---	---	---	---	---	0.0259	---	<0.0119 (ND)	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	<0.0446 (ND)	---	<0.0296 (ND)	---	---
Ethylbenzene	c, v	---	---	---	---	---	<0.0446 (ND)	---	<0.0296 (ND)	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
Naphthalene	c, v	---	---	---	---	---	<0.178 (ND)	---	<0.119 (ND)	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	---	<0.134 (ND)	---	<0.0889 (ND)	---	---
<b>Pesticides</b>											
Aldrin	c, v	---	---	---	---	---	---	---	---	---	---
Chlordane	c, v	---	---	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---	---
Endrin	nc, nv	---	---	---	---	---	---	---	---	---	---
Heptachlor	c, v	---	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---	---
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	---	---	---	---	---	1.99	---	3.54	---	---
Barium	nc, nv	---	---	---	---	---	102	---	100	---	---
Cadmium	nc, nv	---	---	---	---	---	<0.288 (ND)	---	<0.227 (ND)	---	---
Chromium (III)	nc, nv	---	---	---	---	---	11	---	22.4	---	---
Copper	nc, nv	---	---	---	---	---	---	---	---	---	---
Lead	NA, nv	39.3	---	---	---	---	13.8	---	57.1	---	---
Mercury	nc, nv	---	---	---	---	---	<0.115 (ND)	---	0.202	---	---
Silver	nc, nv	---	---	---	---	---	<0.288 (ND)	---	<0.227 (ND)	---	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	---	---	---	---	---	<0.0125 (ND)	---	<0.0103 (ND)	---	---
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Anthracene	nc, v	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Chrysene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Fluoranthene	nc, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Fluorene	nc, v	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Pyrene	nc, v	---	---	---	---	---	0.0129	---	<0.0411 (ND)	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<20 (ND)	<22.8 (ND)	<26.7 (ND)	<27.2 (ND)	<24.7 (ND)	<23.4 (ND)	<24.8 (ND)	<25.2 (ND)	<39.1 (ND)	<20.5 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	490	46.8	<53.4 (ND)	<54.5 (ND)	1220	82.4	<49.6 (ND)	<50.4 (ND)	776	<41 (ND)

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	TL01000-TP1	TL01100-TP2	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TP8	TP9
Sample ID	TL01000-TP1-1.25'	TL01100-TP2-1.75'	DITCH-DU1-TP1-1.5'	DITCH-DU1-TP2-1.25'	DITCH-DU1-TP3-1.25'	DITCH-DU1-TP4-1.25'	DITCH-DU1-TP5-1'	DITCH-DU1-TP6-.5'	SHOP-DU2-TP7-1.25'	SHOP-DU2-TP8-1.25'	SHOP-DU2-TP9-1.25'
Date Sampled	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023
Depth Sampled (feet)	1.25	1.75	1.5	1.25	1.25	1.25	1	0.5	1.25	1.25	1.25
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)
<b>Volatle Organic Constituents</b>											
Benzene	c, v	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	---	---
Naphthalene	c, v	---	---	---	---	---	---	---	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Pesticides</b>											
Aldrin	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Chlordane	c, v	0.00296	<0.00474 (ND)	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Dieldrin	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	<0.00498 (ND)	<0.00474 (ND)	---	---	---	---	---	---	---	---
Endrin	nc, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Heptachlor	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Toxaphene	c, nv	<0.0747 (ND)	<0.0711 (ND)	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	6.02	5.86	---	---	---	---	---	---	---	---
Barium	nc, nv	135	142	---	---	---	---	---	---	---	---
Cadmium	nc, nv	1.23	0.275	---	---	---	---	---	---	---	---
Chromium (III)	nc, nv	15.2	27.2	---	---	---	---	---	---	---	---
Copper	nc, nv	22.5	27.8	---	---	---	---	---	---	---	---
Lead	NA, nv	84.8	18.4	---	---	---	---	---	---	---	---
Mercury	nc, nv	0.156	<0.105 (ND)	---	---	---	---	---	---	---	---
Silver	nc, nv	<0.251 (ND)	<0.262 (ND)	---	---	---	---	---	---	---	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0117 (ND)	<0.0124 (ND)	---	---	---	---	---	---	---	---
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	---	---	---	---	---
Anthracene	nc, v	---	---	---	---	---	---	---	---	---	---
Benzo[a]anthracene	c, v	---	---	---	---	---	---	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	---	---	---	---
Chrysene	c, nv	---	---	---	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	---	---	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	---	---	---	---
Fluorene	nc, v	---	---	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	---	---	---	---
Pyrene	nc, v	---	---	---	---	---	---	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	<6.63 (ND)	<7.65 (ND)	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<23.7 (ND)	<23.6 (ND)	---	---	---	---	---	---	---	---
Generic Mineral Insulating Oil (RRO)	nc, nv	<47.4 (ND)	<47.3 (ND)	---	---	---	---	---	---	---	---

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	TP10	TP11	TP12	TP13	TP14	TP15	TP16	TP17	TP18	TP19	TP20
Sample ID	SHOP-DU2-TP10-1.25'	SHOP-DU2-TP11-1.25'	SHOP-DU2-TP12-1 <sup>1</sup>	SHOP-DU2-TP13-1.25'	SHOP-DU2-TP14-1.25'	SHOP-DU2-TP15-1.25'	SHOP-DU2-TP16-1 <sup>1</sup>	SHOP-DU2-TP17-1 <sup>1</sup>	SHOP-DU2-TP18-1 <sup>1</sup>	Shed-DU3-TP19-1.25'	Shed-DU3-TP20-1.25'
Date Sampled	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023
Depth Sampled (feet)	1.25	1.25	1	1.25	1.25	1.25	1	1	1	1.25	1.25
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)
<b>Volatile Organic Constituents</b>											
Benzene	c, v	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	---	---
Naphthalene	c, v	---	---	---	---	---	---	---	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Pesticides</b>											
Aldrin	c, v	---	---	---	---	---	---	---	---	---	---
Chlordane	c, v	---	---	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---	---
Endrin	nc, nv	---	---	---	---	---	---	---	---	---	---
Heptachlor	c, v	---	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---	---
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	---	---	---	---	---	---	---	---	---	---
Barium	nc, nv	---	---	---	---	---	---	---	---	---	---
Cadmium	nc, nv	---	---	---	---	---	---	---	---	---	---
Chromium (III)	nc, nv	---	---	---	---	---	---	---	---	---	---
Copper	nc, nv	---	---	---	---	---	---	---	---	---	---
Lead	NA, nv	---	---	---	---	---	---	---	---	---	---
Mercury	nc, nv	---	---	---	---	---	---	---	---	---	---
Silver	nc, nv	---	---	---	---	---	---	---	---	---	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	---	---	---	---	---	---	---	---	0.0273	0.145
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	---	---	---	---	---
Anthracene	nc, v	---	---	---	---	---	---	---	---	---	---
Benzo[a]anthracene	c, v	---	---	---	---	---	---	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	---	---	---	---
Chrysene	c, nv	---	---	---	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	---	---	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	---	---	---	---
Fluorene	nc, v	---	---	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	---	---	---	---
Pyrene	nc, v	---	---	---	---	---	---	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	---	---	---	---	---	---	---	---	---	---
Generic Mineral Insulating Oil (RRO)	nc, nv	---	---	---	---	---	---	---	---	---	---

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 — = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).

(Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.  
 BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	TP21	TP22	TP23	TP24	TP25	TP26	DU1	DU2		DU3	MW1	
Sample ID	Shed-DU3-TP21-1.25'	Shed-DU3-TP22-1.25'	Shed-DU3-TP23-1.25'	Shed-DU3-TP24-1.25'	Shed-DU3-TP25-1.25'	Shed-DU3-TP26-1.25'	DITCH-DU1-Composite	SHOP-DU2-Composite	SHOP-DU2-Composite2	Shed-DU3-Composite	MW1-2.5'	
Date Sampled	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/26/2023	
Depth Sampled (feet)	1.25	1.25	1.25	1.25	1.25	1.25	Comp	Comp	Comp	Comp	2.5	
Sampled By	GAA	GAA	GAA	GAA	GAA							
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)						
<b>Volatile Organic Constituents</b>												
Benzene	c, v	---	---	---	---	---	---	---	---	---	---	
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---	
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---	
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---	
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---	
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---	
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---	
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---	
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---	
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---	
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---	
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---	
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	---	---	
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	---	---	
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	---	---	
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	---	---	
Naphthalene	c, v	---	---	---	---	---	---	---	---	---	---	
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	---	---	
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---	
Toluene	nc, v	---	---	---	---	---	---	---	---	---	---	
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---	
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---	
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---	
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---	
Xylenes	nc, v	---	---	---	---	---	---	---	---	---	---	
<b>Pesticides</b>												
Aldrin	c, v	---	---	---	---	---	---	<0.00233 (ND)	<0.0249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Chlordane	c, v	---	---	---	---	---	---	0.01321	<0.00498 (ND)	<0.00488 (ND)	<0.00715 (ND)	<0.00878 (ND)
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	0.0155	<0.00439 (ND)
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	0.0027	<0.00249 (ND)	<0.00244 (ND)	0.0191	<0.00439 (ND)
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	0.00582	<0.00249 (ND)	<0.00244 (ND)	<0.00543 (ND)	0.00803
Dieldrin	c, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00463 (ND)	<0.00439 (ND)
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	<0.00466 (ND)	<0.00498 (ND)	<0.00488 (ND)	<0.00583 (ND)	<0.00878 (ND)
Endrin	nc, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Heptachlor	c, v	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Heptachlor Epoxide	c, v	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Hexachlorobenzene	c, v	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Toxaphene	c, nv	---	---	---	---	---	---	<0.0699 (ND)	<0.0746 (ND)	<0.0733 (ND)	<0.145 (ND)	<0.132 (ND)
<b>Metals</b>												
Arsenic	c, nv	---	---	---	---	---	---	4.22	4.59	4.72	6.2	4.48
Barium	nc, nv	---	---	---	---	---	---	161	159	167	199	89.5
Cadmium	nc, nv	---	---	---	---	---	---	0.614	0.443	0.358	0.611	0.233
Chromium (III)	nc, nv	---	---	---	---	---	---	16.1	20.5	18.8	17.4	12.7
Copper	nc, nv	---	---	---	---	---	---	30.4	41.1	28.8	29.3	18.8
Lead	NA, nv	---	---	---	---	---	---	37.9	58.3	40.5	2120	67.7
Mercury	nc, nv	---	---	---	---	---	---	<0.107 (ND)	<0.111 (ND)	<0.115 (ND)	<0.0117 (ND)	<0.0921 (ND)
Silver	nc, nv	---	---	---	---	---	---	<0.267 (ND)	<0.277 (ND)	<0.287 (ND)	<0.292 (ND)	<0.23 (ND)
<b>Semivolatile Organic Constituents</b>												
Polychlorinated biphenyls (Total PCBs)	c, v	0.0141	0.0157	<0.0132 (ND)	<0.0132 (ND)	<0.014 (ND)	<0.0143 (ND)	<0.0124 (ND)	<0.0124 (ND)	<0.0128 (ND)	0.0209	0.0222
<b>Polycyclic Aromatic Hydrocarbons</b>												
Acenaphthene	nc, v	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Anthracene	nc, v	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	---	0.0124	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	0.0207	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	0.0252	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Chrysene	c, nv	---	---	---	---	---	---	0.0183	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	0.0275	---	---	---	---
Fluorene	nc, v	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	0.0251	---	---	---	---
Pyrene	nc, v	---	---	---	---	---	---	0.0373	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>												
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	<7.2 (ND)	<7.53 (ND)	<7.7 (ND)	<8.39 (ND)	<5.76 (ND)
Generic Diesel / Heating Oil (DRO)	nc, v	---	---	---	---	---	---	<25.1 (ND)	<25.9 (ND)	<24.2 (ND)	<258 (ND)	<45.6 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	---	---	---	---	---	---	89.2	161	<48.3 (ND)	4740	427

Notes:  
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BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	MW2	MW3	EX1SW	EX2SC	EX3SE	EX4EC	EX5C	EX6WC	EX7NE	EX8NC	
Sample ID	MW2-1.5'	MW3-2.5'	MW3-5'	EX1SW-3'	EX2SC-3'	EX3SE-2.75'	EX4EC-3'	EX5C-3'	EX6WC-3'	EX7NE-3.5'	EX8NC-3.5'
Date Sampled	3/26/2023	3/26/2023	3/26/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023
Depth Sampled (feet)	1.5	2.5	3.5	3	3	2.75	3	3	3	3.5	3.5
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)
<b>Volatile Organic Constituents</b>											
Benzene	c, v	---	<0.0145 (ND)	---	---	---	---	---	---	---	---
Bromodichloromethane	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Bromoform	c, v	---	<0.145 (ND)	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	<0.724 (ND)	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	<0.145 (ND)	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	<0.724 (ND)	---	---	---	---	---	---	---	---
Chloroform	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	<0.362 (ND)	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	<0.724 (ND)	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Ethylbenzene	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Naphthalene	c, v	0.0225	<0.145 (ND)	---	---	---	---	---	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Toluene	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	<0.145 (ND)	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Vinyl chloride	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	<0.1086 (ND)	---	---	---	---	---	---	---	---
<b>Pesticides</b>											
Aldrin	c, v	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
Chlordane	c, v	<0.00526 (ND)	<0.0076 (ND)	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	<0.00263 (ND)	<0.00906 (ND)	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	0.00383	<0.00653 (ND)	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	<0.00263 (ND)	<0.00959 (ND)	---	---	---	---	---	---	---	---
Dieldrin	c, nv	<0.00263 (ND)	<0.00586 (ND)	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	<0.00526 (ND)	<0.00973 (ND)	---	---	---	---	---	---	---	---
Endrin	nc, nv	<0.00263 (ND)	<0.00799 (ND)	---	---	---	---	---	---	---	---
Heptachlor	c, v	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	<0.00263 (ND)	<0.0032 (ND)	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
Toxaphene	c, nv	<0.0789 (ND)	<0.322 (ND)	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	4.84	6.11	---	---	---	---	---	---	---	---
Barium	nc, nv	169	203	---	---	---	---	---	---	---	---
Cadmium	nc, nv	0.409	0.423	---	---	---	---	---	---	---	---
Chromium (III)	nc, nv	19.2	20.6	---	---	---	---	---	---	---	---
Copper	nc, nv	35.8	39.8	---	---	---	---	---	---	---	---
Lead	NA, nv	50.8	312	---	17	23.8	13.7	16.7	19.6	39.6	29.2
Mercury	nc, nv	<0.109 (ND)	<0.118 (ND)	---	---	---	---	---	---	---	---
Silver	nc, nv	<0.272 (ND)	<0.294 (ND)	---	---	---	---	---	---	---	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0133 (ND)	0.2243	---	<0.0134 (ND)	<0.0144 (ND)	0.0294	<0.0135 (ND)	0.0184	0.0136	0.0216
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	nc, v	<0.0124 (ND)	<0.0553 (ND)	---	---	---	---	---	---	---	---
Anthracene	nc, v	<0.0124 (ND)	<0.0553 (ND)	---	---	---	---	---	---	---	---
Benz[a]anthracene	c, v	0.0179	0.0727	---	---	---	---	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	0.0216	<0.0553 (ND)	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	c, nv	0.0267	<0.0553 (ND)	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	c, nv	<0.0124 (ND)	<0.0553 (ND)	---	---	---	---	---	---	---	---
Chrysene	c, nv	0.026	0.14	---	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	c, nv	<0.0124 (ND)	<0.0553 (ND)	---	---	---	---	---	---	---	---
Fluoranthene	nc, nv	0.0284	0.182	---	---	---	---	---	---	---	---
Fluorene	nc, v	<0.0124 (ND)	0.0834	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	0.0203	<0.0553 (ND)	---	---	---	---	---	---	---	---
Pyrene	nc, v	0.0332	<0.0553 (ND)	---	---	---	---	---	---	---	---
Styrene	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	<7.92 (ND)	<7.24 (ND)	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<26.5 (ND)	<553 (ND)	<45.3 (ND)	<26.1 (ND)	<27.8 (ND)	<552 (ND)	<26.8 (ND)	<27.9 (ND)	<27.3 (ND)	<264 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	259	9940	<90.6 (ND)	1240	2130	5310	2250	1630	1210	6980

Notes:  
mg/Kg = milligram per kilogram or parts per million (ppm).  
<# (ND) = not detected at or above the laboratory method reporting limit shown.  
NE = not established.  
--- = not analyzed or not applicable.  
c = carcinogenic  
nc = noncarcinogenic  
v = volatile  
nv = nonvolatile  
GRO = gasoline-range organics.  
DRO = diesel-range organics.  
RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
(Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	EX9W	EX10NW	EX11N	EX12NE	EX13EC	EX14SE	EX15SC	EX16WSW	EX17SE		EX18S	
Sample ID	EX9W-2.25'	EX10NW-2.25'	EX11N-2.25'	EX12NE-2.25'	EX13EC-2.25'	EX14SE-2.25'	EX15SC-2.25'	EX16WSW-2.25'	EX17SE-3'	EX17SE-5'	EX18S-2.25'	
Date Sampled	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	2/14/2024	2/14/2024	2/14/2024	
Depth Sampled (feet)	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	3	5	2.25	
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	
<b>Volatile Organic Constituents</b>												
Benzene	c, v	---	---	---	---	---	---	---	---	<0.0132 (ND)	---	
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---	
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---	
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---	
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---	
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---	
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---	
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---	
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---	
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---	
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---	
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---	
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	<0.066 (ND)	---	
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	<0.033 (ND)	---	
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	<0.033 (ND)	---	
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	<0.066 (ND)	---	
Naphthalene	c, v	---	---	---	---	---	---	---	---	<0.132 (ND)	---	
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	<0.066 (ND)	---	
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---	
Toluene	nc, v	---	---	---	---	---	---	---	---	<0.066 (ND)	---	
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---	
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---	
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---	
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	<0.066 (ND)	---	
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	<0.066 (ND)	---	
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---	
Xylenes	nc, v	---	---	---	---	---	---	---	---	<0.099 (ND)	---	
<b>Pesticides</b>												
Aldrin	c, v	---	---	---	---	---	---	---	---	---	---	
Chlordane	c, v	---	---	---	---	---	---	---	---	---	---	
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---	
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---	---	
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---	
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---	---	
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---	---	
Endrin	nc, nv	---	---	---	---	---	---	---	---	---	---	
Heptachlor	c, v	---	---	---	---	---	---	---	---	---	---	
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---	---	
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---	
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---	---	
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---	---	
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---	---	
<b>Metals</b>												
Arsenic	c, nv	---	---	---	---	---	---	---	---	3.98	---	3.94
Barium	nc, nv	---	---	---	---	---	---	---	---	185	---	158
Cadmium	nc, nv	---	---	---	---	---	---	---	---	0.336	---	0.318
Chromium (III)	nc, nv	---	---	---	---	---	---	---	---	19.6	---	18.6
Copper	nc, nv	---	---	---	---	---	---	---	---	---	---	---
Lead	NA, nv	40.1	82.7	157	71.7	167	184	6970	4830	14.6	10	23.6
Mercury	nc, nv	---	---	---	---	---	---	---	---	<0.115 (ND)	---	<0.12 (ND)
Silver	nc, nv	---	---	---	---	---	---	---	---	<0.289 (ND)	---	<0.3 (ND)
<b>Semivolatile Organic Constituents</b>												
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0132 (ND)	0.0135	<0.0114 (ND)	0.0194	<0.011 (ND)	0.0389	0.449	0.295	<0.0124 (ND)	<0.0135 (ND)	<0.0126 (ND)
<b>Polycyclic Aromatic Hydrocarbons</b>												
Acenaphthene	nc, v	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Anthracene	nc, v	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	---	---	0.0139	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	---	---	0.0205	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Chrysene	c, nv	---	---	---	---	---	---	---	---	<0.0206 (ND)	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	---	---	0.0294	---	---
Fluorene	nc, v	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	---	---	0.013	---	---
Pyrene	nc, v	---	---	---	---	---	---	---	---	0.0137	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>												
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<26.5 (ND)	<116 (ND)	<120 (ND)	<24.3 (ND)	<23.2 (ND)	<28.3 (ND)	<1460 (ND)	<1260 (ND)	<24.1 (ND)	<26.6 (ND)	<24.2 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	1360	3330	2990	<48.6 (ND)	310	992	104000	67500	<48.3 (ND)	<53.2 (ND)	61.1

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	EX19SW		EX20W	EX21S	EX22C	SS1		SS2	SS3	SS4
Sample ID	EX19SW-3.25'	EX19SW-5'	EX20SW-2.25'	EX21S-3.25'	EX22C-3'	SS1	SS1	SS2	SS3	SS4
Date Sampled	2/14/2024	2/14/2024	2/14/2024	2/15/2024	2/15/2024	2/15/2024	8/30/2023	8/30/2023	8/30/2023	8/30/2023
Depth Sampled (feet)	3.25	5	2.25	3.25	3	Soil Stockpile		Soil Stockpile	Soil Stockpile	Soil Stockpile
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)				
<b>Volatile Organic Constituents</b>										
Benzene	c, v	---	---	<0.0144 (ND)	---	<0.0139 (ND)	---	---	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	---	<0.036 (ND)	---	<0.0346 (ND)	---	---	---	---
Ethylbenzene	c, v	---	---	<0.036 (ND)	---	<0.0346 (ND)	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
Naphthalene	c, v	---	---	<0.144 (ND)	---	<0.139 (ND)	---	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	<0.108 (ND)	---	<0.104 (ND)	---	---	---	---
<b>Pesticides</b>										
Aldrin	c, v	---	---	---	---	---	---	---	---	---
Chlordane	c, v	---	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---
Endrin	nc, nv	---	---	---	---	---	---	---	---	---
Heptachlor	c, v	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---
<b>Metals</b>										
Arsenic	c, nv	5.04	---	3.8	4	4.67	<1.16 (ND)	<0.1 (ND)	<0.1 (ND)	<0.1 (ND)
Barium	nc, nv	182	---	181	212	182	52.4	<5 (ND)	<5 (ND)	<5 (ND)
Cadmium	nc, nv	0.287	---	<0.279 (ND)	<0.276 (ND)	<0.301 (ND)	<0.232 (ND)	<0.1 (ND)	<0.1 (ND)	<0.1 (ND)
Chromium (III)	nc, nv	22.4	---	20.3	23.9	22	2.49	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
Copper	nc, nv	---	---	---	---	---	---	---	---	---
Lead	NA, nv	29.8	8.08	20.6	11.7	17.6	26.9	1	54.1	<0.05 (ND)
Mercury	nc, nv	<0.108 (ND)	---	<0.112 (ND)	<0.111 (ND)	<0.12 (ND)	<0.0927 (ND)	<0.007 (ND)	<0.007 (ND)	<0.007 (ND)
Silver	nc, nv	<0.27 (ND)	---	<0.279 (ND)	<0.276 (ND)	<1.51 (ND)	<0.232 (ND)	<0.1 (ND)	<0.1 (ND)	<0.1 (ND)
<b>Semivolatile Organic Constituents</b>										
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0123 (ND)	<0.0133 (ND)	<0.0123 (ND)	<0.0118 (ND)	<0.0125 (ND)	<0.00878 (ND)	---	---	---
<b>Polycyclic Aromatic Hydrocarbons</b>										
Acenaphthene	nc, v	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Anthracene	nc, v	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Benzo[a]anthracene	c, v	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	0.0192	---	0.0165	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Chrysene	c, nv	---	---	0.0229	---	0.0188	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Fluoranthene	nc, nv	---	---	0.03	---	0.0227	---	---	---	---
Fluorene	nc, v	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Pyrene	nc, v	---	---	0.026	---	0.0226	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>										
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<23.7 (ND)	<26.3 (ND)	<24.9 (ND)	<22.7 (ND)	<23.3 (ND)	<18.3 (ND)	<447 (ND)	<1180 (ND)	<28.6 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	97.6	418	<49.7 (ND)	1680	189	62.3	23400	133000	2510

Notes:  
mg/Kg = milligram per kilogram or parts per million (ppm).  
<# (ND) = not detected at or above the laboratory method reporting limit shown.  
NE = not established.  
--- = not analyzed or not applicable.  
c = carcinogenic  
nc = noncarcinogenic  
v = volatile  
nv = nonvolatile  
GRO = gasoline-range organics.  
DRO = diesel-range organics.  
RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
(Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.  
BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	Sample ID	Date Sampled	Depth Sampled (feet)	Sampled By	Maximum Soil Concentration (remaining soil)	ODEQs Screening-Level Risk-Based Concentrations SLRBCs <sup>1</sup> (Soil)	Background Concentrations (Regional Default)	Exceeds ODEQs Screening-Level SLRBCs (Soil) and Regional Background Concentrations
Constituent of Interest	Note	mg/Kg (ppm)					TRUE OR Y FALSE OR N	
<b>Volatile Organic Constituents</b>								
Benzene	c, v	<0.0259 (ND)	0.023	---	---	Y		
Bromodichloromethane	c, v	---	0.002	---	---	---		
Bromoform	c, v	---	0.046	---	---	---		
Bromomethane	nc, v	---	0.083	---	---	---		
Carbon tetrachloride	c, v	---	0.013	---	---	---		
Chlorobenzene	nc, v	---	5.8	---	---	---		
Chlorodibromomethane (dibromochloromethane)	c, v	---	0.0024	---	---	---		
Chloroethane (ethyl chloride)	nc, v	---	310	---	---	---		
Chloroform	c, v	---	0.0034	---	---	---		
Chloromethane	nc, v	---	2.2	---	---	---		
1,2-Dichlorobenzene	nc, v	---	36	---	---	---		
1,4-Dichlorobenzene	c, v	---	0.057	---	---	---		
1,1-Dichloroethane	c, v	---	0.044	---	---	---		
1,1-Dichloroethene	nc, v	---	6.7	---	---	---		
cis-1,2-Dichloroethene	nc, v	---	0.63	---	---	---		
trans-1,2-Dichloroethene	nc, v	---	7.0	---	---	---		
Dichloromethane	c, v	---	0.14	---	---	---		
EDB (1,2-dibromoethane)	c, v	<0.0892 (ND)	0.00012	---	---	(Y)		
EDC (1,2-dichloroethane)	c, v	<0.0446 (ND)	0.0028	---	---	(Y)		
Ethylbenzene	c, v	<0.0446 (ND)	0.22	---	---	N		
MTBE (methyl t-butyl ether)	c, v	<0.686 (ND)	0.11	---	---	(Y)		
Naphthalene	c, v	0.0225	0.077	---	---	N		
iso-Propylbenzene (cumene)	nc, v	<0.0892 (ND)	96	---	---	N		
Tetrachloroethene (PCE)	c, v	---	0.46	---	---	---		
Toluene	nc, v	<0.0892 (ND)	83	---	---	N		
1,1,1-Trichloroethane	nc, v	---	190	---	---	(Y)		
1,1,2-Trichloroethane	c, v	---	0.0063	---	---	---		
Trichloroethene	NA, v	---	0.013	---	---	---		
Trichlorofluoromethane (Freon 11)	nc, v	---	61	---	---	---		
1,2,4-Trimethylbenzene	nc, v	<0.0892 (ND)	10	---	---	N		
1,3,5-Trimethylbenzene	nc, v	<0.0892 (ND)	11	---	---	N		
Vinyl chloride	c, v	---	0.00057	---	---	---		
Xylenes	nc, v	<0.134 (ND)	23	---	---	N		
<b>Pesticides</b>								
Aldrin	c, v	<0.0249 (ND)	0.023	---	---	(Y)		
Chlordane	c, v	0.017	0.91	---	---	N		
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	0.00849	1.1	---	---	N		
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	0.0106	1.6	---	---	N		
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	0.00803	1.9	---	---	N		
Diekdin	c, nv	0.00543	0.01	---	---	N		
Endosulfan (alpha-beta)	nc, v	<0.00878 (ND)	200	---	---	N		
Endrin	nc, nv	<0.00439 (ND)	11	---	---	N		
Heptachlor	c, v	<0.00439 (ND)	0.017	---	---	N		
Heptachlor Epoxide	c, v	<0.00439 (ND)	0.0042	---	---	(Y)		
Hexachlorobenzene	c, v	<0.00439 (ND)	0.018	---	---	N		
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	<0.00439 (ND)	0.0063	---	---	N		
gamma-Hexachlorocyclohexane (Lindane)	c, nv	<0.00439 (ND)	0.036	---	---	N		
Toxaphene	c, nv	<0.131 (ND)	0.36	---	---	N		
<b>Metals</b>								
Arsenic	c, nv	16.6	0.43	8.8	---	Y		
Barium	nc, nv	230	15000	790	---	N		
Cadmium	nc, nv	<1.23 (ND)	78	0.63	---	N		
Chromium (III)	nc, nv	27.2	120000	76	---	N		
Copper	nc, nv	41.6	3100	34	---	N		
Lead	NA, nv	184	30	28	---	Y		
Mercury	nc, nv	0.202	23	0.23	---	N		
Silver	nc, nv	<1.51 (ND)	390	0.82	---	N		
<b>Semivolatile Organic Constituents</b>								
Polychlorinated biphenyls (Total PCBs)	c, v	0.0389	0.23	---	---	N		
<b>Polycyclic Aromatic Hydrocarbons</b>								
Acenaphthene	nc, v	<0.0411 (ND)	770	---	---	N		
Anthracene	nc, v	<0.0411 (ND)	8200	---	---	N		
Benzo[a]anthracene	c, v	0.0179	1.1	---	---	N		
Benzo[a]pyrene (BaP equivalents)	c, nv	0.0216	0.11	---	---	N		
Benzo[b]fluoranthene	c, nv	0.0267	1.1	---	---	N		
Benzo[k]fluoranthene	c, nv	<0.0411 (ND)	11	---	---	N		
Chrysene	c, nv	0.026	110	---	---	N		
Dibenz[a,h]anthracene	c, nv	<0.0411 (ND)	0.11	---	---	N		
Fluoranthene	nc, nv	0.03	2400	---	---	N		
Fluorene	nc, v	<0.0411 (ND)	770	---	---	N		
Indeno[1,2,3-cd]pyrene	c, nv	0.0251	1.1	---	---	N		
Pyrene	nc, v	0.0373	1800	---	---	N		
Styrene	nc, v	---	170	---	---	---		
<b>Total Petroleum Hydrocarbons</b>								
Generic Gasoline (GRO)	nc, v	<8.9 (ND)	31	---	---	N		
Generic Diesel / Heating Oil (DRO)	nc, v	368	1100	---	---	N		
Generic Mineral Insulating Oil (RRO)	nc, nv	6980	2800	---	---	CA		

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 2 - Summary of Analytical Data, Reconnaissance and Monitoring Well Ground Water

Location ID	B1	B2	B3	B5	B6	B7	B10	B11
Sample ID	B1-H20	B2-H20	B3-H20	B5-H20	B6-H20	B7-H20	B10-H20	B11-H20
Date Sampled	7/20/22	7/20/22	7/20/22	7/20/22	3/30/23	3/30/23	3/30/23	3/30/23
Sampled By	CG	CG	CG	CG	CG	CG	CG	CG
Constituent of Interest	Note	µg/L (ppb)	µg/L (ppb)	µg/L (ppb)				
<b>Volatile Organic Constituents</b>								
Acrylonitrile	c, v	---	---	---	---	<2 (ND)	<2 (ND)	<2 (ND)
Benzene	c, v	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)	---	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
Bromodichloromethane	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)
Bromoform	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)
Bromomethane	nc, v	---	---	---	---	<5 (ND)	<5 (ND)	<5 (ND)
Carbon tetrachloride	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)
Chlorobenzene	nc, v	---	---	---	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	<5 (ND)	<5 (ND)	<5 (ND)
Chloroform	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)
Chloromethane	nc, v	---	---	---	---	<5 (ND)	<5 (ND)	<5 (ND)
1,2-Dichlorobenzene	nc, v	---	---	---	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
1,4-Dichlorobenzene	c, v	---	---	---	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
1,1-Dichloroethane	c, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
1,1-Dichloroethene	nc, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
cis-1,2-Dichloroethene	nc, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
trans-1,2-Dichloroethene	nc, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Dichloromethane	c, v	---	---	---	---	<10 (ND)	<10 (ND)	<10 (ND)
EDB (1,2-dibromoethane)	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
EDC (1,2-dichloroethane)	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Ethylbenzene	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
MTBE (methyl t-butyl ether)	c, v	2.72	<1 (ND)	1.06	---	<1 (ND)	<1 (ND)	5.74
Naphthalene	c, v	<2 (ND)	<2 (ND)	<2 (ND)	---	<2 (ND)	<2 (ND)	<2 (ND)
iso-Propylbenzene (cumene)	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	---	<1 (ND)	<1 (ND)	<1 (ND)
Tetrachloroethene (PCE)	c, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Toluene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	---	<1 (ND)	<1 (ND)	<1 (ND)
1,1,1-Trichloroethane	nc, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
1,1,2-Trichloroethane	c, v	---	---	---	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
Trichloroethene	NA, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	<2 (ND)	<2 (ND)	<2 (ND)
1,2,4-Trimethylbenzene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	---	<1 (ND)	<1 (ND)	<1 (ND)
1,3,5-Trimethylbenzene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	---	<1 (ND)	<1 (ND)	<1 (ND)
Vinyl chloride	c, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Xylenes	nc, v	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)	---	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)
<b>Metals (Dissolved)</b>								
Arsenic (Dissolved)		---	---	---	---	1.88	1.43	1.59
Barium (Dissolved)		---	---	---	---	35.1	28.9	22.9
Cadmium (Dissolved)		---	---	---	---	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
Chromium (Dissolved)		---	---	---	---	<2 (ND)	<2 (ND)	<2 (ND)
Copper (Dissolved)		---	---	---	---	<2 (ND)	3.39	<2 (ND)
Lead (Dissolved)		---	---	---	---	<0.2 (ND)	0.474	<0.2 (ND)
Mercury (Dissolved)		---	---	---	---	<0.08 (ND)	<0.08 (ND)	<0.08 (ND)
Silver (Dissolved)		---	---	---	---	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
<b>Semivolatile Organic Constituents</b>								
<b>Polycyclic Aromatic Hydrocarbons</b>								
Acenaphthene	nc, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Anthracene	nc, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Benz[a]anthracene	c, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Benzo[b]fluoranthene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Benzo[k]fluoranthene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Chrysene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Dibenz[a,h]anthracene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Fluoranthene	nc, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Fluorene	nc, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Pyrene	nc, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)
Styrene	nc, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)
<b>Total Petroleum Hydrocarbons</b>								
Generic Gasoline (GRO)	nc, v	---	---	---	---	<100 (ND)	<100 (ND)	<100 (ND)
Generic Diesel / Heating Oil (DRO)	nc, v	<213 (ND)	<208 (ND)	<204 (ND)	<217 (ND)	<247 (ND)	<202 (ND)	<238 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	<426 (ND)	<417 (ND)	<b>482</b>	<b>469</b>	<494 (ND)	<404 (ND)	<476 (ND)

Notes:  
 ug/L = micrograms per Liter or parts per billion (ppb).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
<sup>2</sup> Default background concentration for metals (Freshwater), ODEQ October 28, 2002.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

**Bolded** concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.  
**Y** = maximum concentration exceeds screening criteria and background and it tentatively identified as a Constituent of Potential Concern  
 CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

Table 2 - Summary of Analytical Data, Reconnaissance and Monitoring Well Ground Water

Location ID		B12	MW1	MW2	MW3
Sample ID		B12-H2O	MW1-H2O	MW2-H2O	MW3-H2O
Date Sampled		3/30/23	3/30/23	3/30/23	3/30/23
Sampled By		CG	CG	CG	CG
Constituent of Interest	Note	µg/L (ppb)	µg/L (ppb)	µg/L (ppb)	µg/L (ppb)
<b>Volatile Organic Constituents</b>					
Acrylonitrile	c, v	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
Benzene	c, v	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
Bromodichloromethane	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Bromoform	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Bromomethane	nc, v	<5 (ND)	<5 (ND)	<5 (ND)	<5 (ND)
Carbon tetrachloride	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chlorobenzene	nc, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
Chlorodibromomethane (dibromochloromethane)	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chloroethane (ethyl chloride)	nc, v	<5 (ND)	<5 (ND)	<5 (ND)	<5 (ND)
Chloroform	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chloromethane	nc, v	<5 (ND)	<5 (ND)	6.89	<5 (ND)
1,2-Dichlorobenzene	nc, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
1,4-Dichlorobenzene	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
1,1-Dichloroethane	c, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
1,1-Dichloroethene	nc, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
cis-1,2-Dichloroethene	nc, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
trans-1,2-Dichloroethene	nc, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Dichloromethane	c, v	<10 (ND)	<10 (ND)	<10 (ND)	<10 (ND)
EDB (1,2-dibromoethane)	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
EDC (1,2-dichloroethane)	c, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Ethylbenzene	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
MTBE (methyl t-butyl ether)	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Naphthalene	c, v	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
iso-Propylbenzene (cumene)	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Tetrachloroethene (PCE)	c, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Toluene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
1,1,1-Trichloroethane	nc, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
1,1,2-Trichloroethane	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
Trichloroethene	NA, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Trichlorofluoromethane (Freon 11)	nc, v	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
1,2,4-Trimethylbenzene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
1,3,5-Trimethylbenzene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Vinyl chloride	c, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Xylenes	nc, v	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)
<b>Metals (Dissolved)</b>					
Arsenic (Dissolved)		<1 (ND)	---	2.83	<b>3.03</b>
Barium (Dissolved)		24	---	46.9	125
Cadmium (Dissolved)		<0.2 (ND)	---	<0.2 (ND)	<0.2 (ND)
Chromium (Dissolved)		<2 (ND)	---	<2 (ND)	<2 (ND)
Copper (Dissolved)		<2 (ND)	---	<2 (ND)	<2 (ND)
Lead (Dissolved)		<0.2 (ND)	---	<0.2 (ND)	<0.2 (ND)
Mercury (Dissolved)		<0.08 (ND)	---	<0.08 (ND)	<0.08 (ND)
Silver (Dissolved)		<0.2 (ND)	---	<0.2 (ND)	<0.2 (ND)
<b>Semivolatile Organic Constituents</b>					
<b>Polycyclic Aromatic Hydrocarbons</b>					
Acenaphthene	nc, v	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Anthracene	nc, v	<0.0408 (ND)	<0.276 (ND)	<0.0421 (ND)	---
Benz[a]anthracene	c, v	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Benzo[a]pyrene (BaP equivalents)	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Benzo[b]fluoranthene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Benzo[k]fluoranthene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Chrysene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Dibenz[a,h]anthracene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Fluoranthene	nc, nv	<0.0408 (ND)	<0.276 (ND)	<0.0421 (ND)	<0.17 (ND)
Fluorene	nc, v	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	0.054
Indeno[1,2,3-cd]pyrene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Pyrene	nc, v	<0.0408 (ND)	<0.276 (ND)	<0.0421 (ND)	<0.17 (ND)
Styrene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
<b>Total Petroleum Hydrocarbons</b>					
Generic Gasoline (GRO)	nc, v	<100 (ND)	---	<100 (ND)	<100 (ND)
Generic Diesel / Heating Oil (DRO)	nc, v	<200 (ND)	---	<213 (ND)	<235 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	<400 (ND)	---	<426 (ND)	<471 (ND)

Notes:

ug/L = micrograms per Liter or parts per billion (ppb).

<# (ND) = not detected at or above the laboratory method reporting limit shown.

NE = not established.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level assumes residential use, from ODEQ RBCs dated May 2018).

<sup>2</sup> Default background concentration for metals (Freshwater), ODEQ October 28, 2002.

— = not analyzed or not applicable.

c = carcinogenic

nc = noncarcinogenic

v = volatile

nv = nonvolatile

GRO = gasoline-range organics.

DRO = diesel-range organics.

RRO = residual-range organics.

**Bolded** concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level).

(Y) indicates analyte not detected, but detection limit is above screening concentration.

**Y** = maximum concentration exceeds screening criteria and background and it tentatively identified as a Constituent of Potential Concern

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

Table 2 - Summary of Analytical Data, Reconnaissance and Monitoring Well Ground Water

Location ID	Sample ID	Date Sampled	Sampled By	Maximum Ground Water Concentration	ODEQs Screening-level Risk-Based Concentrations (SLRBCs) <sup>1</sup>	Background (Surface Water) Concentrations (metals) <sup>2</sup>	Exceeds Surface Water Background Concentration (metals)? TRUE OR Y FALSE OR N	Potential COPC? TRUE OR Y FALSE OR N
Constituent of Interest	Note	µg/L (ppb)						
<b>Volatile Organic Constituents</b>								
Acrylonitrile	c, v	<2 (ND)	0.052	NE	N	(Y)		
Benzene	c, v	<0.2 (ND)	0.46	NE	N	N		
Bromodichloromethane	c, v	<1 (ND)	0.13	NE	N	(Y)		
Bromoform	c, v	<1 (ND)	3.3	NE	N	N		
Bromomethane	nc, v	<5 (ND)	7.5	NE	N	N		
Carbon tetrachloride	c, v	<1 (ND)	0.46	NE	N	(Y)		
Chlorobenzene	nc, v	<0.5 (ND)	77	NE	N	N		
Chlorodibromomethane (dibromochloromethane)	c, v	<1 (ND)	0.17	NE	N	(Y)		
Chloroethane (ethyl chloride)	nc, v	<5 (ND)	21000	NE	N	N		
Chloroform	c, v	<1 (ND)	0.22	NE	N	(Y)		
Chloromethane	nc, v	6.89	190	NE	N	N		
1,2-Dichlorobenzene	nc, v	<0.5 (ND)	300	NE	N	N		
1,4-Dichlorobenzene	c, v	<0.5 (ND)	0.48	NE	N	(Y)		
1,1-Dichloroethane	c, v	<0.4 (ND)	2.8	NE	N	N		
1,1-Dichloroethene	nc, v	<0.4 (ND)	280	NE	N	N		
cis-1,2-Dichloroethene	nc, v	<0.4 (ND)	36	NE	N	N		
trans-1,2-Dichloroethene	nc, v	<0.4 (ND)	360	NE	N	N		
Dichloromethane	c, v	<10 (ND)	11	NE	N	N		
EDB (1,2-dibromoethane)	c, v	<0.5 (ND)	0.0075	NE	N	(Y)		
EDC (1,2-dichloroethane)	c, v	<0.5 (ND)	0.17	NE	N	(Y)		
Ethylbenzene	c, v	<0.5 (ND)	1.5	NE	N	N		
MTBE (methyl t-butyl ether)	c, v	5.74	14	NE	N	N		
Naphthalene	c, v	<2 (ND)	0.17	NE	N	(Y)		
iso-Propylbenzene (cumene)	nc, v	<1 (ND)	440	NE	N	N		
Tetrachloroethene (PCE)	c, v	<0.4 (ND)	12	NE	N	N		
Toluene	nc, v	<1 (ND)	1100	NE	N	N		
1,1,1-Trichloroethane	nc, v	<0.4 (ND)	8000	NE	N	N		
1,1,2-Trichloroethane	c, v	<0.5 (ND)	0.28	NE	N	(Y)		
Trichloroethene	NA, v	<0.4 (ND)	0.49	NE	N	N		
Trichlorofluoromethane (Freon 11)	nc, v	<2 (ND)	1100	NE	N	N		
1,2,4-Trimethylbenzene	nc, v	<1 (ND)	54	NE	N	N		
1,3,5-Trimethylbenzene	nc, v	<1 (ND)	59	NE	N	N		
Vinyl chloride	c, v	<0.4 (ND)	0.027	NE	N	(Y)		
Xylenes	nc, v	<1.5 (ND)	190	NE	N	N		
<b>Metals (Dissolved)</b>								
Arsenic (Dissolved)		3.03	0.052	2	Y	<b>Y</b>		
Barium (Dissolved)		125	4000	---	N	N		
Cadmium (Dissolved)		0.2	20	1	N	N		
Chromium (Dissolved)		2	30000	1	Y	N		
Copper (Dissolved)		3.39	800	9	N	N		
Lead (Dissolved)		0.474	15	13.3	N	N		
Mercury (Dissolved)		<0.08 (ND)	6	0.1	N	N		
Silver (Dissolved)		<0.2 (ND)	100	1	N	N		
<b>Semivolatile Organic Constituents</b>								
<b>Polycyclic Aromatic Hydrocarbons</b>								
Acenaphthene	nc, v	<0.069 (ND)	510	NE	N	N		
Anthracene	nc, v	<0.276 (ND)	1700	NE	N	N		
Benz[a]anthracene	c, v	<0.465 (ND)	0.03	NE	N	(Y)		
Benzo[a]pyrene (BaP equivalents)	c, nv	<0.465 (ND)	0.025	NE	N	(Y)		
Benzo[b]fluoranthene	c, nv	<0.465 (ND)	0.25	NE	N	(Y)		
Benzo[k]fluoranthene	c, nv	<0.465 (ND)	2.5	NE	N	N		
Chrysene	c, nv	<0.465 (ND)	25	NE	N	N		
Dibenz[a,h]anthracene	c, nv	<0.465 (ND)	0.025	NE	N	(Y)		
Fluoranthene	nc, nv	<0.465 (ND)	800	NE	N	N		
Fluorene	nc, v	0.054	280	NE	N	N		
Indeno[1,2,3-cd]pyrene	c, nv	<0.465 (ND)	0.25	NE	N	(Y)		
Pyrene	nc, v	<0.465 (ND)	110	NE	N	N		
Styrene	nc, v	<1 (ND)	1200	NE	N	N		
<b>Total Petroleum Hydrocarbons</b>								
Generic Gasoline (GRO)	nc, v	<100 (ND)	110	NE	N	N		
Generic Diesel / Heating Oil (DRO)	nc, v	<247 (ND)	100	NE	N	(Y)		
Generic Mineral Insulating Oil (RRO)	nc, nv	482	300	NE	N	CA		

Notes:

ug/L = micrograms per Liter or parts per billion (ppb).

<# (ND) = not detected at or above the laboratory method reporting limit shown.

NE = not established.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level assumes residential use, from ODEQ RBCs dated May 2018).

<sup>2</sup> Default background concentration for metals (Freshwater), ODEQ October 28, 2002.

— = not analyzed or not applicable.

c = carcinogenic

nc = noncarcinogenic

v = volatile

nv = nonvolatile

GRO = gasoline-range organics.

DRO = diesel-range organics.

RRO = residual-range organics.

**Bolded** concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level).

(Y) indicates analyte not detected, but detection limit is above screening concentration.

**Y** = maximum concentration exceeds screening criteria and background and it tentatively identified as a Constituent of Potential Concern

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

# **CONTAMINATED MEDIA MANAGEMENT PLAN**

**UPDATED JULY 21, 2024**

For

**Former Airport Auto Salvage  
4623 NE Buffalo Street  
Portland, Oregon 97219  
DEQ ECSI #6484**

Prepared For

Estate of Patrick Trainor  
8426 NE Webster Street  
Portland, Oregon 97220

**Date Issued: July 21, 2024  
Project Number 2403**

Prepared By

**GRANT ASSOCIATES, INC.  
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- 3 Summary of Analytical Data, Reconnaissance Ground Water
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## APPENDICES

- Appendix A – Inspection/Monitoring Daily Report Format Example

## *List of Acronyms and Abbreviations*

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bgs	below ground surface	mg/Kg	milligrams per Kilogram
CFSLs	clean fill screening levels	MRL	method reporting limit
CMMP	Contaminated Media Management Plan	NFA	No Further Action
COC	constituent of concern	OAR	Oregon Administrative Rule
COI	constituents of interest	ODEQ	Oregon Department of Environmental Quality
COPC	constituent of potential concern	OWRD	Oregon Water Resource Department
CSM	conceptual site model	PAHs	polynuclear aromatic hydrocarbons
DRO	diesel-range organics	PCBs	polychlorinated biphenyls
ECSI	Environmental Cleanup Site Information	PID	photoionization detector
EES	Easement and Equitable Servitude	ppmv	parts per million by volume
ESA	environmental site assessment	PWB	Portland Water Bureau
HREC	historical recognized environmental condition	RBCs	risk-based concentrations
HC	petroleum hydrocarbons	RBDM	<i>Risk-Based Decision Making for Remediation of Contaminated Sites</i> , ODEQ
HSP	health and safety plan		
LOF	locality of facility		

	September 2003 Guidance Document		SLRBCs	screening-level concentrations	risk-based
REC	recognized environmental condition		SOW	scope of work	
RRO	residual (oil)-range organics		USGS	US Geological Survey	
			UST	underground storage tank	
			VOC	volatile organic constituent	

# 1 INTRODUCTION

This Contaminated Media Management Plan (CMMP) has been prepared on behalf of the Estate of Patrick Trainor for the property at 4623 NE Buffalo Street in Portland, Oregon (Site; Figure 1). This CMMP is intended to assist contractors or on-site workers in field identification and management of contaminated media (soil and groundwater) that may be encountered during future earthwork-related construction activities. This plan includes field protocol for identification, response actions, communications, removal, temporary storage or stockpiling, transportation, and treatment and/or disposal of contaminated media.

Grant Associates, Inc. (Grant) understands that this CMMP will be submitted to Oregon DEQ's Voluntary Cleanup Program Independent Cleanup Pathway program for use as a guide for future corrective/remedial actions at the Site. The corrective measures are designed to remediate soils and groundwater affected by historical land uses at the Site. Current and future property owners/operators or contractors should retain the services of an environmental professional to interpret and implement the requirements of this CMMP prior to completing earthwork in contaminated portions in the locality of the facility (LOF) of the Site. This CMMP should be modified as necessary to reflect job-specific work requirements and/or site conditions unknown at the time this CMMP was prepared.

This CMMP may be modified, at the property owner's request, as necessary in the future to address isolated soil-disturbing activities, planning and development needs, or for other reasons. Any modifications to this CMMP proposed by the property owner will require the review and approval of the DEQ (or its successor agency).

The property owner will provide a written copy of this CMMP to entities (e.g., contractors) performing activities on areas subject to this CMMP where disturbance of and/or direct contact with contaminated soil or groundwater may occur.

## 1.1 Scope of Work

The purpose of this CMMP is to present potential corrective measures to reduce or eliminate petroleum hydrocarbons (HC) and lead impacts during future Site development activities in accordance with DEQ rules (OAR 340-122-250). The CMMP discusses the Site history, investigations to date, and corrective measures to be performed to satisfy DEQ's *hazardous substance remedial action rules* requirements (OAR 340-122).

## 1.2 Site Description

The Site is located at 4623 NE Buffalo Street, Portland, Oregon 97218 (Figure 2). According to Multnomah County Assessor's office, the Site is situated on tax lots 01000 and 01100 on Multnomah County Map 1N2E18BB. The Property is located in a mixed use residential/commercial/industrial area in north Portland, Oregon. The local area is zoned General Industrial 2 (IG2).

The Site is an approximate rectangular-shaped parcel consisting of 1.55 acres on two contiguous tax lots in north Portland (Figure 2). At the time of this CMMP, the western tax lot 01000 has a security fence on the west, south and east sides with gate access on NE Buffalo Street. Historically, the tax lot 01000 and 01100 were operated as Airport Auto Salvage. Currently, the eastern tax lot

01100 is separated from the west tax lot 01000 with a cyclone fence. The eastern tax lot 01100 is currently operated by Blessings Landscapes (7219 NE 47<sup>th</sup> Avenue) and is accessed from NE 47<sup>th</sup> Avenue. The northern boundary of the two tax lots is bound by an intermittent stormwater drainage ditch known as Ferrous Slough that drains into the Columbia Slough.

## 2 BACKGROUND

### 2.1 Overview

Previous reports and correspondence provide more detail on the background and setting, and sampling and analyses that have been performed to date. These reports and correspondence are included in DEQ's ECSI files and consist of the following:

- DEQ's ECSI Database Site Summary Report: Site ID No 6484, dated October 2022
- Phase I Environmental Site Assessment Revised; prepared by Grant, dated July 2022;
- *Phase II Subsurface Assessment*, prepared by Grant, dated August 2022;
- *Expanded Baseline Investigation Work Plan*, prepared by Grant, dated November 11, 2022;
- *Expanded Baseline Environmental Investigation Data Package and Proposal for Closure Using Risk-Based Cleanup*, prepared by Grant, dated May 22, 2023;
- DEQ Comments on *Expanded Baseline Environmental Investigation Data Package*, DEQ correspondence to Estate of Patrick Trainor, dated June 15, 2023;
- *Daily Report*, prepared by Grant, dated August 8, 2023;
- *Equipment Shed Lead and PCBs Soil Cleanup Work Plan*, (Work Plan) Grant Associates, dated August 15, 2023;. and
- DEQ Comments on *Equipment Shed Lead and PCBs Soil Cleanup Work Plan*, DEQ correspondence to Grant Associates, dated August 23, 2023.
- *Oil Range HC, Lead and PCBs Contaminated Soil Cleanup and Corrective Action Plan*, Grant Associates Inc., dated November 15, 2023.
- *Beneficial Water Use Determination Updated*, Grant Associates Inc.; June 7, 2024.
- *Additional Site Characterization and Soil Cleanup Updated July 17, 2024*, Technical Memo, Grant Associates Inc., July 17, 2024.
- DEQ Comments on *Contaminated Media Management Plan and Cap Monitoring and Maintenance* report, DEQ correspondence to Estate of Patrick Trainor, dated August 23, 2023.
- *Independent Cleanup Pathway Final Report Updated July 17, 2024*, Grant Associates Inc., June 28, 2024.

Past land use includes historic rural residential and agricultural uses Prior to 1980 and more recently industrial use as an automotive salvage facility (approximately 1980 to 2021). Environmental characterization, including composite sampling at four separate decision units,

identified likely contaminants of concern (COC) oil range hydrocarbons (ORO), lead, PCBs and organochlorine pesticides in shallow soil media across the Site (Table 1, Figure 3). Since automotive salvage and dismantling activities have been discontinued, the potential for future releases from these activities has been eliminated.

Near surface soil across the Site has been impacted by contaminants of concern (COC) petroleum hydrocarbons (HC), volatile organic compounds (VOCs), polyaromatic Hydrocarbons (PAHs), polychlorinated biphenyls (PCBs) and select metals (arsenic and lead) at concentrations greater than DEQ's screening level risk-based concentrations (SLRBCs) for *soil ingestion, dermal contact and inhalation* exposure pathway in a residential exposure scenario. Based on this condition, a soil cleanup was performed to reduce COC impacts. Summary findings of cleanup and characterization identified COCs at concentrations that exceeded SLRBC (Table 1; Figure 4). However, based on current and likely future land uses, potential current and future receptors at the Site include occupational, construction and excavation workers. It is assumed that these receptors are conservative with respect to consideration of the occasional site visitor.

Environmental investigative or remedial activities included near surface and subsurface investigation, groundwater assessment, remedial excavation, stormwater source control evaluation, beneficial water use determination (BWUD) and independent cleanup final report. The findings and conclusions of these activities are presented in Grant's *Independent Cleanup Pathway Final Report Updated July 17, 2024*, dated July 17, 2024. This report and others referenced above are on file at DEQ's Northwest Region offices and are available for review.

## **2.2 Soil and Groundwater Conditions**

### **2.2.1 Soil**

Subsurface conditions at the Site include fill materials consisting of medium to coarse gravels with some large diameter structural fill consisting of cobbles to 2 feet diameter and broken up concrete pieces in a sandy matrix with depths ranging between 0.5 and 3 feet below ground surface (bgs). The fill is underlain by native very dark grayish brown silty clay, clayey silt to the maximum depth explored at 15 feet bgs. Subsurface soil beneath the Site has been impacted by oil range HC (ORO), benzene, arsenic and lead.

Surface gravel pavement and soil beneath former car carcass storage areas (Figure 2) has been impacted by de minimis drips and spills of ORO automotive fluids and select metals (arsenic and lead). Minor concentrations of PCBs were also detected in assessment and cleanup excavation confirmation soil samples collected from less than three feet bgs. The extent of soil contamination is approximately shown on the Locality of the Facility (LOF) map on Figure 8. A summary of soil sample chemical analytical data is presented in Tables 1, 2 and 4.

### **2.2.2 Groundwater**

According to monitoring wells and soil borings performed at the Site, depth to static groundwater ranges between 1.8 to 9.53 feet bgs. The direction of shallow groundwater flow has been calculated to be in a northeasterly (N32°E) direction toward Ferrous Slough (Figure 6). Based on aerial photos and topographic contours of the Site area, it appears that prior to commercial development (approximately 1980), surface water drained in a northerly/northeasterly direction toward Ferrous Slough. Ground surface topography, which is now generally flat in the LOF (Figure 8) due to imported structural gravel fill, is expected to influence groundwater flow direction.

Groundwater beneath the Site has been impacted by oil range HC, methyl-tert butyl ether (MTBE), naphthalene and arsenic. Groundwater assessment samples are shown on Figure 5. A summary of groundwater elevation data is shown on Figure 6. A summary of groundwater laboratory analytical data is presented in Tables 3 and 5.

Detailed descriptions of the Site contamination including a fully developed Conceptual Site Model and results of limited soil cleanup are presented in Grant's *Independent Cleanup Pathway Final Report Updated July 17, 2024*, dated July 17, 2024. This report and others referenced above are on file at DEQ's Northwest Region offices and are available for review.

### 2.3 Conceptual Site Model

An exposure pathway is the course a constituent takes from a source to an exposed population. Exposure pathways include four elements:

- (1) the source of contamination;
- (2) the means by which a constituent will be released, retained, or travel in a given medium (e.g., air or ground water);
- (3) a point of potential contact with a receptor; and
- (4) the means by which contact will occur (e.g., inhalation, ingestion, dermal contact).

If any of these elements are missing, the pathway is considered incomplete. Table 2-3 presents a summary of the pathway analysis for human receptors.

**Table 2-3. Summary of Pathway Analysis for Human Receptors**

Potentially Exposed Population	Exposure Route, Medium and Exposure Point	Pathway Considered	Reason for Selection or Exclusion
<b>Surface Soil (&lt; 3 feet bgs)</b>			
Current/Future Occupational Worker	Soil ingestion, dermal contact, and Inhalation	YES	Surface soil contains COPCs at depths an occupational worker may encounter.
	Leaching to ground water, followed by direct ingestion	No	Ground water in locality of facility not in use for drinking water
Current/Future Construction Worker/Excavation Worker	Direct ingestion, inhalation of volatiles and dermal contact with soil	YES	Surface soil contains COPCS at depths a future construction worker and/or excavation worker may encounter.
<b>Subsurface Soil (&gt; 3 feet bgs)</b>			
Current/Future Occupational Worker	Soil ingestion, dermal contact, and Inhalation	No	While subsurface soil contains COPCs, this media is at a depth greater than what an occupational worker is likely to encounter
	Leaching to ground water, followed by direct ingestion	No	Ground water in locality of facility not in use for drinking water
Current/Future Construction Worker/Excavation Worker	Direct ingestion, inhalation of volatiles and dermal contact with soil	YES	Subsurface soil contains COPCS at depths a construction worker and/or excavation worker may encounter.
<b>Ground Water</b>			
Current/Future Occupational Worker	Ingestion, and Inhalation from tap water	No	Ground water in locality of facility not currently in use for drinking water
	Inhalation of volatiles	No	No volatile COPCs are present in ground water.

<b>Potentially Exposed Population</b>	<b>Exposure Route, Medium and Exposure Point</b>	<b>Pathway Considered</b>	<b>Reason for Selection or Exclusion</b>
Current/Future Construction Worker	GW in an excavation	Yes	Ground water impacts are within what a construction worker is likely to encounter
Current/Future Excavation Worker	GW in an excavation	No	Future construction and/or excavation workers may encounter ground water at depths found at the subject site, and ground water contains COPCs.

Based on the above discussion, a conceptual site model has been developed for the site, depicting all exposure pathways evaluated and retained for evaluation of human health risk. The conceptual site model is presented in Figure 7.

## 3 LOCALITY OF FACILITY SOURCE AREA COVER

### 3.1 Gravel Pavement

The existing area of potential shallow soil contamination is either beneath the Equipment Shed building concrete floor or beneath gravel paved surfaces in the working industrial area (LOF; Figures 2 and 8). The surface materials provide a physical barrier to direct contact. Based on the Site conceptual model (CSM; Section 2.3) and characterization results, contamination, if present, would be at depths of over 0.5 feet below ground surface.

### 3.2 Gravel Pavement Monitoring

Monitoring is related to the implementation of protocols for any excavation, drilling, or scraping in the LOF Area (Figure 8). In the event activities such as new construction or utilities installation are implemented and it is necessary to excavate surface gravel and soils, ODEQ will be notified. As required by this CMMP, the owners and their contractors will ensure monitoring protocols are followed and repair/replacement is completed.

Although extremely unlikely due to the gravel pavement cover, any observed uncontrolled erosion within the LOF (Figure 8) will be promptly reported to DEQ. Thereafter, the owners and their contractors will ensure CMMP monitoring protocols are followed and repair/restoration is completed.

Annual monitoring of the gravel pavement should be conducted to identify problem areas or unusual conditions. An inspection or examination of surface gravels for signs of erosion/deterioration should also be conducted. In addition, there is a gravel berm in the north portion of Tax Lot 01000. This berm was constructed as a tire stop for parked vehicles in this area of the Site and it also serves as a barrier to stormwater runoff. Required monitoring tasks include:

- Removal of all movable material and equipment from gravel surfaces prior to each inspection.
- A photograph of the gravel surfaces for each inspection.
- Each inspection shall note any possible integrity issues such as holes, erosion or failures.
- Monitoring is related to the implementation of protocols for any excavation, drilling, or scraping.

### 3.3 Gravel Pavement Maintenance

After annual monitoring and inspection of the gravel surface are completed, action should be taken to repair any potential problems. Such actions, if necessary, include:

- Repair all holes more than 1 feet in width with fresh gravels.

All findings and actions taken during monitoring and maintenance activities should be clearly noted on an Inspection Daily Report Form (Appendix A). Once complete, this form and any attachments (i.e. photographs, receipts) must be placed in the facility files.

## 4 CONTAMINATED MEDIA IDENTIFICATION

This section of the CMMP describes the identification and management of potential contaminated gravel, soil and media that is anticipated to be encountered during subsurface facility modification activities in the Locality of the Facility (LOF; Figure 8) Area. Contaminated media categories are identified in this CMMP for the purpose of supporting media management decisions associated with potential future construction or maintenance activities in the LOF (Figure 8). If in the circumstance soil, pavement, or gravel cap media are generated for removal from the site, it is expected that they will be tested for target COPC and evaluated to determine applicable management options.

### 4.1 Definition of Clean Soil and Concrete Media

Oregon Administrative Rules (OAR) 340-093-0030 define Clean Fill as materials consisting of soil, rock, concrete, brick, building block, tile or asphalt paving, which do not contain hazardous substances that could adversely impact the waters of the State or public health. Clean Fill does not include putrescible wastes, construction and demolition wastes, and industrial solid wastes. In the LOF (Figure 8), soil and gravel media are considered Clean Fill in cases where laboratory analyses for NWT PH-Dx/VOCs/PAHs/PCBs/Metals Arsenic & Lead have not been detected above laboratory method reporting limits (MRLs).

For management purposes, all gravel or soil media within the LOF (Figure 8) depicted on Figure 5 will require characterization prior to disposal off-site. If soils and/or gravel media are tested and meet the above Clean Fill criteria, then it would be prudent to obtain concurrence from Oregon DEQ, prior to management. With concurrence, there is no regulatory restriction on disposal options. However, disposal of a clean cover fill at a Subtitle D landfill is a conservative and relatively inexpensive option. Alternatively, these soils could be utilized as fill within the CMMP area.

DEQ's 2019 clean fill guidance is available at this online location: <https://www.oregon.gov/deq/filtered%20library/imdcleanfill.pdf>

### 4.2 Definition of Contaminated Soil and Gravel Media

For the purposes of this CMMP, contaminated media is defined as soil or gravel media with concentrations of chemicals of interest NWT PH-Dx/VOCs/PAHs/PCBs/Metals Arsenic & Lead greater than laboratory MRLs.

The definition of contaminated soil and concrete media are further divided into two principal categories including: 1) Hazardous Waste, and 2) Special Waste, briefly described below.

#### 4.2.1 Hazardous Waste

If the characterization of soil and gravel in the LOF (Figure 8) contains concentrations of COPC that, if removed for off-site disposal, could be considered hazardous waste (see definitions below), the materials must be managed as such. For the purpose of this CMMP, soil and gravel are considered hazardous waste if they are removed from the ground for off-site disposal and concentrations of contaminant(s) meet criteria established under the following regulation:

- Hazardous Waste criteria are defined under the RCRA, Code of Federal Regulations (CFR) Title 40, Part 261 Subpart C, as adopted into Oregon Administrative Rules (OAR).

The DEQ adheres to the US EPA "contained-in" policy, whereby, "soil (and other environmental media) although not wastes themselves, may be managed as if they were hazardous waste if they contain a listed hazardous waste or exhibit a characteristic of hazardous waste (EPA 1998)".

To avoid the necessity of treating all media contaminated with listed wastes (such as lead) as hazardous, EPA stipulates that such material may be treated as non-hazardous when the following conditions are met: (1) the material does not exhibit a hazardous characteristic (such as toxicity); and (2) when EPA or Oregon DEQ has determined that concentrations of hazardous constituents from listed hazardous wastes are not present in the media at concentrations that present a risk to human health. The no longer “contained-in” determination allows qualified waste to be permitted for disposal at a RCRA Subtitle D landfill (non-hazardous) based on applicable waste concentrations and risk criteria, rather than necessitate its disposal at a RCRA Subtitle C landfill (hazardous) based on process.

Based on knowledge of historic processes and operations conducted at the Airport Auto Salvage facility, soil media containing lead, may be classified as a listed hazardous waste with EPA waste code of D008 pursuant to 40 CFR Part 261, Subpart D (as adopted by OAR 340-100-0002). However, if shallow soil contamination is identified outside the LOF (Figure 8), a waste determination may be completed at the discretion of ownership to evaluate applicable waste codes, if any. In such a circumstance DEQ will be consulted.

For all soils and/or gravel debris subject to this CMMP, the user can submit documentation to DEQ requesting that a no longer “contained-in” determination be made which would allow soil and/or gravel debris that meet the conditions of the no longer “contained-in” determination and other similar media to be managed as non-hazardous special waste, described in detail below.

#### **4.2.2 Special Waste**

Special waste soil and gravel media are, for purposes of this CMMP, those media removed from the ground for off-site disposal that exceed clean soil criteria (Section 4.2; i.e. detected COPC concentration above laboratory MRL) but for which chemical concentrations do not trigger Hazardous Waste criteria (Section 4.2.1) and have been delisted under a no longer “contained-in” determination issued by DEQ. More specifically, special waste soil and gravel are characterized as follows: COPCs detected above laboratory MRLs and below the DEQ RBCs for occupational worker direct contact pathway, below concentrations that could be leachable and result in characteristically toxic waste (i.e., total lead 5 mg/l), and below the Land Disposal Restriction (LDR) requirement (i.e., total lead 5 mg/l). For lead, the trigger concentration between Hazardous Waste and Special Waste is 5 mg/l based on the LDR being the lowest criteria.

Each time contaminated soil is encountered, the generator will need to characterize the waste and apply for a Contained-In determination from DEQ. For excavated soil, For benzene, the trigger concentrations 37 mg/Kg; for arsenic, the trigger concentration is 1.9 mg/Kg; and for oil range HC, the trigger concentration is 100 mg/kg; and for lead, the trigger concentration is 100 mg/Kg with a follow up analysis for toxicity characteristic leachate procedure and result of less than 5 mg/l.

## 5 MEDIA MANAGEMENT

This section of the CMMP describes how soil and gravel media excavated as part of future soil disturbance activities in LOF (Figure 8) would be managed. Based on characterization outlined in Section 4 above, three options are available for media disposal off-site:

- Clean Fill disposal is not restricted and can be performed onsite or offsite.
- Special Waste or Contained-In media will be disposed of at a Subtitle D Landfill.
- Hazardous Waste will be managed in accordance with applicable state and federal rules and guidance.

### 5.1 Management of Contaminated Media On-Site

Media will be excavated and moved by qualified contractors in a manner that prevents potential migration within the project area. Site controls will be implemented to prevent potential migration of contaminants from soil disturbance areas. Excavated soil and gravel media may either be placed in interim stockpiles, drop box containment, or directly loaded into trucks for immediate transport and off-site disposal (see Section 7.2).

Any stockpiles or drop boxes will be stored at locations pre-approved by ownership. If generated, it will be the responsibility of the contractor to ensure any stockpiles located in outdoor areas are placed on and covered with six-millimeter plastic sheeting at the end of each work day and secured with sandbags or other equivalent methods.

Run-on and run-off to/from stockpiles will be prevented by grading the stockpile and berming the stockpile perimeter as necessary. All residual contaminated soil will be removed when the stockpiled soil is loaded into the haul trucks. Site drainage features should be protected such that site-related contaminants cannot enter those features or conduits.

Management of contaminated media in the LOF (Figure 8) does not constitute waste generation.

### 5.2 Monitoring During Soil Disturbance

As described in Section 1, various types of contaminants are expected to be encountered, all of which are planned to be managed, at a minimum, as managed waste. While this CMMP does not address response actions associated with all types of potential contaminant encounters or scenarios, in order to minimize the risks and liabilities associated with environmental contaminants, a qualified environmental consultant or owner/operator employee will oversee all removal activities to assist the contractor in providing environmental assessment and response actions. In particular, the individual performing oversight will monitor each excavation, and if visual or other field evidence of contamination or media is encountered that appears to be inconsistent or out-of-character to that expected at a particular location, field screening and notification protocol will be followed to ensure proper management (see Section 7.1).

### 5.3 Transport and Off-Site Disposal of Soil and Concrete Media

The transportation and disposal of all soil and gravel media shall comply with all applicable federal, state, and local laws; codes; and ordinances that govern or regulate contaminated substance transportation and disposal. A manifest or bill of lading, as applicable, will be included for each load of soil and gravel media transported off-site for disposal.

Soil and gravel media shall be loaded into transport vehicles or containers in a manner that prevents the spilling or tracking of contaminated media into on-site and off-site, uncontaminated areas. Soil and concrete media that spills or falls onto the ground shall be immediately placed

back into the truck/container, or in its original container/stockpile, and affected areas shall be immediately cleaned up with brooms or shovels or by using excavation equipment. If loading areas are paved, any loose media shall be cleaned from the pavement at the conclusion of the loading activity using brooms and shovels. No power washing will be utilized so as to not add water to the waste stream or create any runoff. Nearby stormwater drains, if any, will be covered with mats and monitored to prevent impact of stormwater runoff.

During any earthwork construction activities, designated truck routes will be utilized, and special care will be taken to control traffic around contaminated stockpiles. A tire wash station and a coarse gravel apron at the point of ingress/egress shall be considered to avoid tracking off any soil.

All loaded truck weights will be within acceptable limits. All trucks shall be covered before they leave the loading area, and a visual inspection of each load shall be performed to ensure there are no free liquids draining off of soil loaded into trucks. Drivers of vehicles transporting soil and gravel media will have all applicable Oregon state and local vehicle insurance requirements, valid driver's license and commercial license where required, and vehicle registration and license in their possession during transport. Containers used for the transportation of soil and gravel media shall be substance compatible, licensed, insured, and permitted pursuant to federal, state, and local statutes; rules; regulations; and ordinances.

## 6 WORKER HEALTH AND SAFETY

Prior to beginning earthwork activities, the property owner, operator, or contractor must prepare and implement a site-specific Health and Safety Plan (HSP). The HSP fulfills “worker right to know” requirements. If completed by the contractor, a copy of the HSP must be submitted to the owner prior to the start of work on the project. During work on the project, the HSP must be posted at the project site. The contractor is responsible for notifying subcontractors of pertinent environmental conditions. Subcontractors may either adopt the contractor’s HSP or must prepare their own HSP. This document should be used in conjunction with, not in place of, the HSP and the project specifications. Each contractor and subcontractor is responsible for the safety of its employees, including compliance with applicable Oregon OSHA regulations, and compliance with all specifications in the technical specifications manual for the project.

Soil and gravel media contaminated with COPC is anticipated to be encountered and will need to be managed in all areas of excavation within the LOF Area, some of which likely meet Special Waste designation and some of which may need to be managed as hazardous waste. As such, for all excavation work, a qualified environmental consultant or owner/operator employee and all subcontractors are required to maintain a site-specific health and safety plan (HSP) in accordance with the Occupational Safety and Health Administration (OSHA) and Code of Federal Regulations (CFR) 29 CFR 1910.120, and Division 2 of the OARs, Oregon Occupational Safety and Health Division, including Hazardous Waste Operations and Emergency Response training. The HSP will apply to Grant or other qualified environmental consultants and their subcontractors; however, it is not intended for use by other consultants, contractors, or property owners. In addition, all Grant or other qualified environmental consultant subcontractors are required to prepare and follow their own site-specific HSP.

All personnel subject to the HSP will be advised that entry onto the Site puts the individual at risk in exposure to both physical and chemical hazards. As such, the intent of the HSP will be to minimize potential risks of these mentioned exposures through use of a combination of personal protective equipment (PPE), engineering controls, and safe work practices. The HSP should also define appropriate protocol for worker decontamination, as needed.

Based on the preceding, the HASP shall include and conform to these established requirements:

- The use of field personnel likely to be in the work zone will have completed OSHA 40-hour or 24-hour Supervisory Hazardous Waste Operations and Emergency Response (HAZWOPER) training with current 8-hour HAZWOPER refresher certification in accordance with (CFR) 29 CFR 1910.120.
- Monitoring and identification of contaminated media.
- Site health and safety officer’s authorities and responsibilities.
- Health and safety briefings for applicable site personnel.

## 7 CONTINGENCY FOR SOIL DISTURBANCE ACTIVITIES IN LOF

As mentioned previously in this CMMP, future activities within the LOF (Figure 8) involving gravel or soil disturbance should be modified to the extent practical to avoid disturbance and removal of contaminated soil. Excavation will be monitored by a hazardous waste technician field personnel to confirm that material being loaded directly into trailers for disposal is consistent with the applicable waste profile. The hazardous waste technician will monitor the waste visually and with the aid of a photoionization detector (PID) to monitor for the presence of volatile organic vapors. Any material that is inconsistent with the non-hazardous waste profile will be segregated and stockpiled for further analysis and appropriate disposal. However, in the case that soil is disturbed and removed in the LOF during site activities, the following contingencies will be followed:

### 7.1 Monitoring During Soil and Gravel Disturbance

1. Contractor will proceed only as directed by owner/operator of Site.
2. Contractor will conduct all work in accordance with CMMP Section 5 *Media Management*, Section 6 *Worker Health and Safety*, Section 8 *Contingency Plan for Out-Of-Character Contamination*, Section 9 *Contingency Plan for Liquids Management*, and all applicable laws.
3. The qualified environmental consultant will provide field inspection and monitoring of contaminated media using field screening indicators (visual [color, sheen], PID vapor headspace, odor).
4. Contractor will ensure soils are segregated, stockpiled, and managed as per Section 8 *Stockpiling of Out-of-Character Media*.
5. The qualified environmental consultants will collect samples of the stockpiled soil for submittal to an analytical laboratory for testing.
6. The qualified environmental consultants will then evaluate disposal options of stockpiled soil and, at owner/operator's request, will permit, and, if warranted, facilitate manifesting of soils to the appropriate designated receiving disposal facility.
7. Owner/Operator will subsequently advise the contractor of the final transport and disposal option for underlying soil.
8. Contractor will load, transport, and dispose of the stockpiled soil under permit to the appropriate disposal facility.
9. The qualified environmental consultants will document the final disposition of all removed soil in accordance with Section 10 *Record Keeping*.

### 7.2 Stockpiling

If contaminated media cannot be immediately transported off-site for disposal, it will be temporarily stockpiled in areas designated by owner/operator and be managed in accordance with the following protocol:

1. Soil and/or concrete media can either be placed in approved hazardous waste drop boxes or alternately, if non liquid, can be temporarily stockpiled on surface gravel within the LOF (Figure 8).
2. Soil and/or concrete media that is placed in temporary stockpiles must be well maintained at all times. All stockpiles must be placed on impermeable plastic sheeting (minimum six-millimeter thick) surrounded by a fence or within a fenced area.

3. Plastic sheeting placed over the stockpile should be placed such that stormwater runoff cannot reach the stockpiled media. The upper plastic sheeting covering the soil stockpile should be secured using sand bags or equivalent.
4. All temporary stockpiles of special waste or hazardous waste must be properly disposed of off-Site within 180 days of completion of work unless written approval is obtained from ODEQ in the form of a Solid Waste Letter of Authorization.

## 8 CONTINGENCY PLAN FOR OUT-OF-CHARACTER CONTAMINATION

During the course of soil and/or gravel media removal in the LOF, solid media and/or materials may be encountered that are unanticipated and/or out-of-character with pre-determined management protocols for COPC contaminated soil. Such unanticipated contamination may be indicated by, for example, visually-stained soil and/or concrete media, accumulations of undocumented fill or debris, containers, layers of non-soil matter, or unusual odors.

### 8.1 Out-of-Character Media Protocol

In the event out-of-character media that is inconsistent with the profile is encountered, the contractor shall stop work and notify ownership and qualified environmental consultants immediately and adhere to the following protocol:

1. Contractor will proceed only as directed by owner/operator.
2. Contractor shall conduct work deemed necessary at the time of discovery in accordance with the HSP to mitigate spreading of contamination,
3. Contractor will note location and evidence of suspected out-of-character media.
4. The qualified environmental consultant will provide field inspection and monitoring of out-of-character contaminated media using field screening indicators (visual [color, sheen], vapor headspace, odor).
5. The qualified environmental consultant will advise contractor on how to proceed with management of out-of-character media as previously planned, if media warrants removal, segregation and stockpiling, or if media requires temporary in-place management pending laboratory testing.
6. If out-of-character media is removed, segregated, and stockpiled, contractor will manage as per Section 7.2 *Stockpiling*.
7. The qualified environmental consultant will collect samples of suspected contaminated media for submittal to an analytical laboratory for testing, contingent on the suspected type of contamination to facilitate evaluation of disposal options, permit development, and (if warranted) manifesting.
8. The owner/operator will subsequently advise the contractor of the final transport and disposal in accordance with applicable environmental laws.

The qualified environmental consultant will document the final disposition of the out-of-character contamination.

## 9 CONTINGENCY PLAN FOR LIQUID MANAGEMENT

During the course of gravel and/or soil media removal, liquids may be encountered and/or accumulate in excavations. Sources of liquids may be from water contained in base-course rock beneath the gravel pavement, concrete slabs, perched on fine-grained soils, groundwater, or from unknown sources. During winter storm events, shallow infiltrating groundwater may be encountered in excavations. If liquids are encountered, contractor is to immediately notify the owner/operator such that the liquid can be characterized and handled on a case-by-case basis. Various options for handling COPC contaminated groundwater may be available, ranging from collection into drums or onsite tanks, treatment as necessary with an onsite groundwater treatment plant, or allowing the infiltrating water to migrate downward into the soil.

### 9.1 Groundwater Management

Groundwater is expected to occur at the LOF at between 1.8 to 9.53 feet bgs. Based on the depth to groundwater, it is likely that groundwater will be encountered and dewatering will be required during earthwork activities. Petroleum-impacted groundwater can be identified in the field by sheen and odor with the same indicators as soil as described in Section 8.1. Groundwater impacted with VOCs may be less evident from field observation; therefore, all groundwater generated during dewatering activities should be managed as potentially contaminated media.

#### 9.1.1 Groundwater Dewatering and Disposal

In the event groundwater is encountered and dewatering is required during earthwork activities, the contractor shall stop work and notify ownership and qualified environmental consultants immediately and adhere to the following protocol:

- 1 If groundwater or surface water is encountered in excavations that prevent successful excavation, groundwater should be properly removed and stored in mobile containers such as as commercially available Rain for Rent tanks;
- 2 After the tank(s) fill, the water should be sampled and analyzed for COPC. Laboratory results should be used for evaluation of disposal options. If results identify COPC, the water should be disposed in accordance with applicable rules and guidelines. Disposal options include transportation and disposal off-site or treatment to discharge limits and discharge to the sanitary sewer under special discharge permit. Any discharge of groundwater must be approved and permitted by all appropriate state and local regulatory agencies.

## 10 RECORD KEEPING

The qualified environmental consultant will perform the following record keeping tasks related to contaminated media management. Records will be maintained for at least 5 years and are described as follows:

- An inspection of the gravel pavement and gravel tire berm on Tax Lot 01000 should be performed on an annual basis or more frequently if random observations identify any failures and repairs are needed.
- A record of Site safety briefings regarding work in suspect contaminated areas should be prepared on a daily basis during work activities.
- A report should be generated to document management of contaminated media for each day in which the activity occurred. An example daily report format is included in Appendix A.
- A bill of lading or manifest should be used for each off-site shipment of contaminated media. The bill of lading or manifest shall include the date and time of shipment, the name of the transportation company, the name of the truck driver, the disposal site, and a brief description of the contaminated media (soil, concrete, gravel etc.),
- A copy of the bill of lading or manifest and associated receipt or weight slip showing the weight/volume of the contaminated substance shall be provided to the qualified environmental consultant the next business day.
- Upon completion of all contaminated media management from each excavation project, a brief report shall be prepared to document all areas in which contaminated media was managed, the final disposition of contaminated media, any areas where out-of-character media was encountered and how they were managed. In addition, the report will include tables summarizing media management by category, volume, location, and final disposition. All laboratory analytical reports, if any, will be attached as an appendix to the report.

If the requirements outlined in this CMMP are not fully or timely completed, ownership will take appropriate corrective action to meet the intent of this CMMP, and in doing so will remain in compliance with the CMMP.

## 11 LIMITATIONS

Grant has prepared this CMMP at the request of the Estate of Patrick Trainor for use by Grant or other qualified environmental consultants and their contractors. The information presented in this CMMP was gathered, evaluated, and interpreted using the degree of care and skill ordinarily exercised by, and consistent with, the standards competent environmental science professionals would apply in evaluation of a similar site in vicinity of the subject property. While this CMMP may be made available to other third parties at the discretion of ownership, this document is not intended for use by others and the information contained herein is not applicable to other sites. This document is a work of opinion and therefore we do not offer any warranty regarding advice, conclusions, or recommendations.

Our interpretation of subsurface conditions is based on field observations and chemical analytical data within the areas explored. Areas with contamination may exist in portions of the site or at off-site locations that were not explored or analyzed.

Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted practices and laws, rules, and regulations at the time that the report was prepared. No other conditions, expressed or implied, should be understood.

## 12 REFERENCES

### **Reports, Plans, and Other Documents Reviewed:**

Grant Associates Inc.; *Phase I Environmental Site Assessment Revised*; July 20, 2022.

Grant Associates Inc.; *Phase II Subsurface Assessment*, August 2022.

Grant Associates Inc.; *Expanded Baseline Investigation Work Plan*, November 11, 2022.

Grant Associates Inc.; *Expanded Baseline Environmental Investigation Data Package and Proposal for Closure Using Risk-Based Cleanup*, May 22, 2023.

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# TABLES

Table 1 - Summary of Analytical Data, Soil

Location ID	B1	B2	B3	B4	B5	B6	B7	B10	B11	B12	B14
Sample ID	B1-2	B2-5	B3-1	B4-2	B5-1.5	B6-1.5'	B7-2'	B10-2.25'	B11-2'	B12-1.5'	B14-2.75'
Date Sampled	7/20/2022	7/20/2022	7/20/2022	7/20/2022	7/20/2022	3/29/2023	3/29/2023	3/30/2023	3/29/2023	3/29/2023	11/22/2023
Depth Sampled (feet)	2	5	1	2	1.5	1.5	2	2.25	2	1.5	2.75
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)				
<b>Volatile Organic Constituents</b>											
Benzene	c, v	---	---	---	---	<0.00917 (ND)	---	---	---	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	<0.0229 (ND)	---	---	---	---	---
Ethylbenzene	c, v	---	---	---	---	<0.0229 (ND)	---	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
Naphthalene	c, v	---	---	---	---	<0.0917 (ND)	---	<0.0111 (ND)	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	<0.0459 (ND)	---	---	---	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	<0.0688 (ND)	---	---	---	---	---
<b>Pesticides</b>											
Aldrin	c, v	---	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
Chlordane	c, v	---	---	---	---	---	0.017	0.01086	<0.00438 (ND)	<0.00556 (ND)	<0.00526 (ND)
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	0.00849	0.00781	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	0.0106	<0.00435 (ND)	<0.00219 (ND)	0.00302	<0.00263 (ND)
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
Dieldrin	c, nv	---	---	---	---	---	0.00543	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	<0.00221 (ND)	<0.0087 (ND)	<0.00438 (ND)	<0.00556 (ND)	<0.00526 (ND)
Endrin	nc, nv	---	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
Heptachlor	c, v	---	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
Heptachlor Epoxide	c, v	---	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
Hexachlorobenzene	c, v	---	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	<0.00221 (ND)	<0.00435 (ND)	<0.00219 (ND)	<0.00278 (ND)	<0.00263 (ND)
Toxaphene	c, nv	---	---	---	---	---	<0.0663 (ND)	<0.131 (ND)	<0.0656 (ND)	<0.0834 (ND)	<0.0789 (ND)
<b>Metals</b>											
Arsenic	c, nv	---	---	---	---	---	3.31	5	3.29	16.6	3.92
Barium	nc, nv	---	---	---	---	---	230	115	127	168	171
Cadmium	nc, nv	---	---	<0.301 (ND)	<0.233 (ND)	0.358	<0.25 (ND)	<0.229 (ND)	0.294	0.669	<0.284 (ND)
Chromium (III)	nc, nv	---	---	26.1	23.4	24.7	19.2	14.2	13.3	18.4	23.1
Copper	nc, nv	---	---	---	---	---	20.7	22.6	21	41.6	25.5
Lead	NA, nv	---	---	10.2	16.9	16.2	79.3	36.9	30.3	76.8	9.25
Mercury	nc, nv	---	---	---	---	---	<0.1 (ND)	0.109	<0.0989 (ND)	<0.116 (ND)	<0.114 (ND)
Silver	nc, nv	---	---	---	---	---	<0.25 (ND)	<0.229 (ND)	<0.247 (ND)	<0.29 (ND)	<0.284 (ND)
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	---	---	---	---	---	<0.0115 (ND)	<0.011 (ND)	<0.011 (ND)	<0.0135 (ND)	<0.0133 (ND)
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	---	<0.0111 (ND)	---	---	---
Anthracene	nc, v	---	---	---	---	---	---	<0.0111 (ND)	---	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	---	<0.0111 (ND)	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	0.0144	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	0.0141	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	<0.0111 (ND)	---	---	---
Chrysene	c, nv	---	---	---	---	---	---	0.0142	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	<0.0111 (ND)	---	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	0.0167	---	---	---
Fluorene	nc, v	---	---	---	---	---	---	<0.0111 (ND)	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	0.0122	---	---	---
Pyrene	nc, v	---	---	---	---	---	---	0.0273	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	<6.21 (ND)	<8.9 (ND)	<7.54 (ND)
Generic Diesel / Heating Oil (DRO)	nc, v	<25 (ND)	<122 (ND)	<27.7 (ND)	<25 (ND)	368	---	<22.1 (ND)	<22.2 (ND)	<27.8 (ND)	<26.3 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	51.9	1280	<55.5 (ND)	375	1020	---	166	54.7	93.7	<52.7 (ND)

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	B15	B16	B17	B18	B19			B20			
Sample ID	B15-2.75'	B16H-2'	B17-5'	B18-5'	B19-3'	B19-5'	B19-6.5'	B20-0.5'	B20-2.5'	B20-5'	B20-7.5'
Date Sampled	11/22/2023	11/22/2023	1/12/2024	1/12/2024	1/12/2024	1/12/2024	1/12/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024
Depth Sampled (feet)	2.75	2	5	5	3	5	6.5	0.5	2.5	5	7.5
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)
<b>Volatile Organic Constituents</b>											
Benzene	c, v	---	---	---	---	---	---	---	---	<0.0137 (ND)	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	<0.0343 (ND)	---
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	<0.0343 (ND)	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	<0.686 (ND)	---
Naphthalene	c, v	---	---	---	---	---	---	---	---	<0.137 (ND)	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	<0.0686 (ND)	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	---	---	---	---	<0.103 (ND)	---
<b>Pesticides</b>											
Aldrin	c, v	---	---	---	---	---	---	---	---	---	---
Chlordane	c, v	---	---	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---	---
Endrin	nc, nv	---	---	---	---	---	---	---	---	---	---
Heptachlor	c, v	---	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---	---
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	---	---	---	---	---	---	---	---	6.14	---
Barium	nc, nv	---	---	---	---	---	---	---	---	170	---
Cadmium	nc, nv	---	---	---	---	---	---	---	---	<0.279 (ND)	---
Chromium (III)	nc, nv	---	---	---	---	---	---	---	---	22.9	---
Copper	nc, nv	---	---	---	---	---	---	---	---	---	---
Lead	NA, nv	14.5	39.5	10.4	---	56.4	28.3	22.8	35.5	14.5	---
Mercury	nc, nv	---	---	---	---	---	---	---	---	<0.11 (ND)	---
Silver	nc, nv	---	---	---	---	---	---	---	---	<0.275 (ND)	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0133 (ND)	0.037	---	---	---	---	---	<0.0116 (ND)	---	---
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Anthracene	nc, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Chrysene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Fluorene	nc, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Pyrene	nc, v	---	---	---	---	---	---	---	<0.0113 (ND)	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<27.5 (ND)	<29.7 (ND)	<23.4 (ND)	<24 (ND)	<21.8 (ND)	<23.2 (ND)	<124 (ND)	<37.2 (ND)	<22 (ND)	<22.8 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	97	3150	<46.9 (ND)	1410	66.8	2070	3550	247	<44 (ND)	<45.5 (ND)

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	B21				B22		B23		B24		
Sample ID	B21-0.5'	B21-1.5'	B21-3'	B21-7.5'	B22-3'	B22-5'	B23-3'	B23-5'	B24-0.5'	B24-1.5'	B24-5'
Date Sampled	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024
Depth Sampled (feet)	0.5	1.5	3	7.5	3	5	3	5	0.5	1.5	5
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)					
<b>Volatle Organic Constituents</b>											
Benzene	c, v	---	---	---	---	---	0.0259	---	<0.0119 (ND)	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	<0.0446 (ND)	---	<0.0296 (ND)	---	---
Ethylbenzene	c, v	---	---	---	---	---	<0.0446 (ND)	---	<0.0296 (ND)	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
Naphthalene	c, v	---	---	---	---	---	<0.178 (ND)	---	<0.119 (ND)	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	<0.0892 (ND)	---	<0.0593 (ND)	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	---	<0.134 (ND)	---	<0.0889 (ND)	---	---
<b>Pesticides</b>											
Aldrin	c, v	---	---	---	---	---	---	---	---	---	---
Chlordane	c, v	---	---	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---	---
Endrin	nc, nv	---	---	---	---	---	---	---	---	---	---
Heptachlor	c, v	---	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---	---
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	---	---	---	---	---	1.99	---	3.54	---	---
Barium	nc, nv	---	---	---	---	---	102	---	100	---	---
Cadmium	nc, nv	---	---	---	---	---	<0.288 (ND)	---	<0.227 (ND)	---	---
Chromium (III)	nc, nv	---	---	---	---	---	11	---	22.4	---	---
Copper	nc, nv	---	---	---	---	---	---	---	---	---	---
Lead	NA, nv	39.3	---	---	---	---	13.8	---	57.1	---	---
Mercury	nc, nv	---	---	---	---	---	<0.115 (ND)	---	0.202	---	---
Silver	nc, nv	---	---	---	---	---	<0.288 (ND)	---	<0.227 (ND)	---	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	---	---	---	---	---	<0.0125 (ND)	---	<0.0103 (ND)	---	---
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Anthracene	nc, v	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Chrysene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Fluoranthene	nc, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Fluorene	nc, v	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	<0.0127 (ND)	---	<0.0411 (ND)	---	---
Pyrene	nc, v	---	---	---	---	---	0.0129	---	<0.0411 (ND)	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<20 (ND)	<22.8 (ND)	<26.7 (ND)	<27.2 (ND)	<24.7 (ND)	<23.4 (ND)	<24.8 (ND)	<25.2 (ND)	<39.1 (ND)	<20.5 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	490	46.8	<53.4 (ND)	<54.5 (ND)	1220	82.4	<49.6 (ND)	<50.4 (ND)	776	<41 (ND)

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	TL01000-TP1	TL01100-TP2	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TP8	TP9
Sample ID	TL01000-TP1-1.25'	TL01100-TP2-1.75'	DITCH-DU1-TP1-1.5'	DITCH-DU1-TP2-1.25'	DITCH-DU1-TP3-1.25'	DITCH-DU1-TP4-1.25'	DITCH-DU1-TP5-1'	DITCH-DU1-TP6-.5'	SHOP-DU2-TP7-1.25'	SHOP-DU2-TP8-1.25'	SHOP-DU2-TP9-1.25'
Date Sampled	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023
Depth Sampled (feet)	1.25	1.75	1.5	1.25	1.25	1.25	1	0.5	1.25	1.25	1.25
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)
<b>Volatle Organic Constituents</b>											
Benzene	c, v	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	---	---
Naphthalene	c, v	---	---	---	---	---	---	---	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Pesticides</b>											
Aldrin	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Chlordane	c, v	0.00296	<0.00474 (ND)	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Dieldrin	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	<0.00498 (ND)	<0.00474 (ND)	---	---	---	---	---	---	---	---
Endrin	nc, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Heptachlor	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	<0.00249 (ND)	<0.00237 (ND)	---	---	---	---	---	---	---	---
Toxaphene	c, nv	<0.0747 (ND)	<0.0711 (ND)	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	6.02	5.86	---	---	---	---	---	---	---	---
Barium	nc, nv	135	142	---	---	---	---	---	---	---	---
Cadmium	nc, nv	1.23	0.275	---	---	---	---	---	---	---	---
Chromium (III)	nc, nv	15.2	27.2	---	---	---	---	---	---	---	---
Copper	nc, nv	22.5	27.8	---	---	---	---	---	---	---	---
Lead	NA, nv	84.8	18.4	---	---	---	---	---	---	---	---
Mercury	nc, nv	0.156	<0.105 (ND)	---	---	---	---	---	---	---	---
Silver	nc, nv	<0.251 (ND)	<0.262 (ND)	---	---	---	---	---	---	---	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0117 (ND)	<0.0124 (ND)	---	---	---	---	---	---	---	---
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	---	---	---	---	---
Anthracene	nc, v	---	---	---	---	---	---	---	---	---	---
Benzo[a]anthracene	c, v	---	---	---	---	---	---	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	---	---	---	---
Chrysene	c, nv	---	---	---	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	---	---	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	---	---	---	---
Fluorene	nc, v	---	---	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	---	---	---	---
Pyrene	nc, v	---	---	---	---	---	---	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	<6.63 (ND)	<7.65 (ND)	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<23.7 (ND)	<23.6 (ND)	---	---	---	---	---	---	---	---
Generic Mineral Insulating Oil (RRO)	nc, nv	<47.4 (ND)	<47.3 (ND)	---	---	---	---	---	---	---	---

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	TP10	TP11	TP12	TP13	TP14	TP15	TP16	TP17	TP18	TP19	TP20
Sample ID	SHOP-DU2-TP10-1.25'	SHOP-DU2-TP11-1.25'	SHOP-DU2-TP12-1 <sup>1</sup>	SHOP-DU2-TP13-1.25'	SHOP-DU2-TP14-1.25'	SHOP-DU2-TP15-1.25'	SHOP-DU2-TP16-1 <sup>1</sup>	SHOP-DU2-TP17-1 <sup>1</sup>	SHOP-DU2-TP18-1 <sup>1</sup>	Shed-DU3-TP19-1.25'	Shed-DU3-TP20-1.25'
Date Sampled	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023
Depth Sampled (feet)	1.25	1.25	1	1.25	1.25	1.25	1	1	1	1.25	1.25
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)
<b>Volatle Organic Constituents</b>											
Benzene	c, v	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	---	---
Naphthalene	c, v	---	---	---	---	---	---	---	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Pesticides</b>											
Aldrin	c, v	---	---	---	---	---	---	---	---	---	---
Chlordane	c, v	---	---	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---	---
Endrin	nc, nv	---	---	---	---	---	---	---	---	---	---
Heptachlor	c, v	---	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---	---
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	---	---	---	---	---	---	---	---	---	---
Barium	nc, nv	---	---	---	---	---	---	---	---	---	---
Cadmium	nc, nv	---	---	---	---	---	---	---	---	---	---
Chromium (III)	nc, nv	---	---	---	---	---	---	---	---	---	---
Copper	nc, nv	---	---	---	---	---	---	---	---	---	---
Lead	NA, nv	---	---	---	---	---	---	---	---	---	---
Mercury	nc, nv	---	---	---	---	---	---	---	---	---	---
Silver	nc, nv	---	---	---	---	---	---	---	---	---	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	---	---	---	---	---	---	---	---	0.0273	0.145
<b>Polycyclic Aromatic Hydrocarbons</b>											
Acenaphthene	nc, v	---	---	---	---	---	---	---	---	---	---
Anthracene	nc, v	---	---	---	---	---	---	---	---	---	---
Benzo[a]anthracene	c, v	---	---	---	---	---	---	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	---	---	---	---
Chrysene	c, nv	---	---	---	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	---	---	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	---	---	---	---
Fluorene	nc, v	---	---	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	---	---	---	---
Pyrene	nc, v	---	---	---	---	---	---	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	---	---	---	---	---	---	---	---	---	---
Generic Mineral Insulating Oil (RRO)	nc, nv	---	---	---	---	---	---	---	---	---	---

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 — = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	TP21	TP22	TP23	TP24	TP25	TP26	DU1	DU2		DU3	MW1	
Sample ID	Shed-DU3-TP21-1.25'	Shed-DU3-TP22-1.25'	Shed-DU3-TP23-1.25'	Shed-DU3-TP24-1.25'	Shed-DU3-TP25-1.25'	Shed-DU3-TP26-1.25'	DITCH-DU1-Composite	SHOP-DU2-Composite	SHOP-DU2-Composite2	Shed-DU3-Composite	MW1-2.5'	
Date Sampled	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023	3/26/2023	
Depth Sampled (feet)	1.25	1.25	1.25	1.25	1.25	1.25	Comp	Comp	Comp	Comp	2.5	
Sampled By	GAA	GAA	GAA	GAA	GAA							
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)						
<b>Volatile Organic Constituents</b>												
Benzene	c, v	---	---	---	---	---	---	---	---	---	---	
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---	
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---	
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---	
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---	
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---	
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---	
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---	
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---	
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---	
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---	
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---	
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	---	---	---	
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	---	---	---	
Ethylbenzene	c, v	---	---	---	---	---	---	---	---	---	---	
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	---	---	---	
Naphthalene	c, v	---	---	---	---	---	---	---	---	---	---	
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	---	---	---	
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---	
Toluene	nc, v	---	---	---	---	---	---	---	---	---	---	
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---	
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---	
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---	
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---	
Xylenes	nc, v	---	---	---	---	---	---	---	---	---	---	
<b>Pesticides</b>												
Aldrin	c, v	---	---	---	---	---	---	<0.00233 (ND)	<0.0249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Chlordane	c, v	---	---	---	---	---	---	0.01321	<0.00498 (ND)	<0.00488 (ND)	<0.00715 (ND)	<0.00878 (ND)
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	0.0155	<0.00439 (ND)
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	0.0027	<0.00249 (ND)	<0.00244 (ND)	0.0191	<0.00439 (ND)
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	0.00582	<0.00249 (ND)	<0.00244 (ND)	<0.00543 (ND)	0.00803
Dieldrin	c, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00463 (ND)	<0.00439 (ND)
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	<0.00466 (ND)	<0.00498 (ND)	<0.00488 (ND)	<0.00583 (ND)	<0.00878 (ND)
Endrin	nc, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Heptachlor	c, v	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Heptachlor Epoxide	c, v	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Hexachlorobenzene	c, v	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	<0.00233 (ND)	<0.00249 (ND)	<0.00244 (ND)	<0.00265 (ND)	<0.00439 (ND)
Toxaphene	c, nv	---	---	---	---	---	---	<0.0699 (ND)	<0.0746 (ND)	<0.0733 (ND)	<0.145 (ND)	<0.132 (ND)
<b>Metals</b>												
Arsenic	c, nv	---	---	---	---	---	---	4.22	4.59	4.72	6.2	4.48
Barium	nc, nv	---	---	---	---	---	---	161	159	167	199	89.5
Cadmium	nc, nv	---	---	---	---	---	---	0.614	0.443	0.358	0.611	0.233
Chromium (III)	nc, nv	---	---	---	---	---	---	16.1	20.5	18.8	17.4	12.7
Copper	nc, nv	---	---	---	---	---	---	30.4	41.1	28.8	29.3	18.8
Lead	NA, nv	---	---	---	---	---	---	37.9	58.3	40.5	2120	67.7
Mercury	nc, nv	---	---	---	---	---	---	<0.107 (ND)	<0.111 (ND)	<0.115 (ND)	<0.0117 (ND)	<0.0921 (ND)
Silver	nc, nv	---	---	---	---	---	---	<0.267 (ND)	<0.277 (ND)	<0.287 (ND)	<0.292 (ND)	<0.23 (ND)
<b>Semivolatile Organic Constituents</b>												
Polychlorinated biphenyls (Total PCBs)	c, v	0.0141	0.0157	<0.0132 (ND)	<0.0132 (ND)	<0.014 (ND)	<0.0143 (ND)	<0.0124 (ND)	<0.0124 (ND)	<0.0128 (ND)	0.0209	0.0222
<b>Polycyclic Aromatic Hydrocarbons</b>												
Acenaphthene	nc, v	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Anthracene	nc, v	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	---	0.0124	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	0.0207	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	0.0252	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Chrysene	c, nv	---	---	---	---	---	---	0.0183	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	0.0275	---	---	---	---
Fluorene	nc, v	---	---	---	---	---	---	<0.012 (ND)	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	0.0251	---	---	---	---
Pyrene	nc, v	---	---	---	---	---	---	0.0373	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>												
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	<7.2 (ND)	<7.53 (ND)	<7.7 (ND)	<8.39 (ND)	<5.76 (ND)
Generic Diesel / Heating Oil (DRO)	nc, v	---	---	---	---	---	---	<25.1 (ND)	<25.9 (ND)	<24.2 (ND)	<258 (ND)	<45.6 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	---	---	---	---	---	---	89.2	161	<48.3 (ND)	4740	427

Notes:  
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 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
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 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	MW2	MW3		EX1SW	EX2SC	EX3SE	EX4EC	EX5C	EX6WC	EX7NE	EX8NC
Sample ID	MW2-1.5'	MW3-2.5'	MW3-5'	EX1SW-3'	EX2SC-3'	EX3SE-2.75'	EX4EC-3'	EX5C-3'	EX6WC-3'	EX7NE-3.5'	EX8NC-3.5'
Date Sampled	3/26/2023	3/26/2023	3/26/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023
Depth Sampled (feet)	1.5	2.5	3.5	3	3	2.75	3	3	3	3.5	3.5
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)
<b>Volatile Organic Constituents</b>											
Benzene	c, v	---	<0.0145 (ND)	---	---	---	---	---	---	---	---
Bromodichloromethane	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Bromoform	c, v	---	<0.145 (ND)	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	<0.724 (ND)	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	<0.145 (ND)	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	<0.724 (ND)	---	---	---	---	---	---	---	---
Chloroform	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	<0.362 (ND)	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	<0.724 (ND)	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Ethylbenzene	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Naphthalene	c, v	0.0225	<0.145 (ND)	---	---	---	---	---	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Toluene	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	<0.145 (ND)	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
Vinyl chloride	c, v	---	<0.0362 (ND)	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	<0.1086 (ND)	---	---	---	---	---	---	---	---
<b>Pesticides</b>											
Aldrin	c, v	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
Chlordane	c, v	<0.00526 (ND)	<0.0076 (ND)	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	<0.00263 (ND)	<0.00906 (ND)	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	0.00383	<0.00653 (ND)	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	<0.00263 (ND)	<0.00959 (ND)	---	---	---	---	---	---	---	---
Dieldrin	c, nv	<0.00263 (ND)	<0.00586 (ND)	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	<0.00526 (ND)	<0.00973 (ND)	---	---	---	---	---	---	---	---
Endrin	nc, nv	<0.00263 (ND)	<0.00799 (ND)	---	---	---	---	---	---	---	---
Heptachlor	c, v	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	<0.00263 (ND)	<0.0032 (ND)	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	<0.00263 (ND)	<0.00266 (ND)	---	---	---	---	---	---	---	---
Toxaphene	c, nv	<0.0789 (ND)	<0.322 (ND)	---	---	---	---	---	---	---	---
<b>Metals</b>											
Arsenic	c, nv	4.84	6.11	---	---	---	---	---	---	---	---
Barium	nc, nv	169	203	---	---	---	---	---	---	---	---
Cadmium	nc, nv	0.409	0.423	---	---	---	---	---	---	---	---
Chromium (III)	nc, nv	19.2	20.6	---	---	---	---	---	---	---	---
Copper	nc, nv	35.8	39.8	---	---	---	---	---	---	---	---
Lead	NA, nv	50.8	312	---	17	23.8	13.7	16.7	19.6	39.6	29.2
Mercury	nc, nv	<0.109 (ND)	<0.118 (ND)	---	---	---	---	---	---	---	---
Silver	nc, nv	<0.272 (ND)	<0.294 (ND)	---	---	---	---	---	---	---	---
<b>Semivolatile Organic Constituents</b>											
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0133 (ND)	0.2243	---	<0.0134 (ND)	<0.0144 (ND)	0.0294	<0.0135 (ND)	0.0184	0.0136	0.0216
Polycyclic Aromatic Hydrocarbons											<0.0134 (ND)
Acenaphthene	nc, v	<0.0124 (ND)	<0.0553 (ND)	---	---	---	---	---	---	---	---
Anthracene	nc, v	<0.0124 (ND)	<0.0553 (ND)	---	---	---	---	---	---	---	---
Benz[a]anthracene	c, v	0.0179	0.0727	---	---	---	---	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	0.0216	<0.0553 (ND)	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	c, nv	0.0267	<0.0553 (ND)	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	c, nv	<0.0124 (ND)	<0.0553 (ND)	---	---	---	---	---	---	---	---
Chrysene	c, nv	0.026	0.14	---	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	c, nv	<0.0124 (ND)	<0.0553 (ND)	---	---	---	---	---	---	---	---
Fluoranthene	nc, nv	0.0284	0.182	---	---	---	---	---	---	---	---
Fluorene	nc, v	<0.0124 (ND)	0.0834	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	0.0203	<0.0553 (ND)	---	---	---	---	---	---	---	---
Pyrene	nc, v	0.0332	<0.0553 (ND)	---	---	---	---	---	---	---	---
Styrene	nc, v	---	<0.0724 (ND)	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>											
Generic Gasoline (GRO)	nc, v	<7.92 (ND)	<7.24 (ND)	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<26.5 (ND)	<553 (ND)	<45.3 (ND)	<26.1 (ND)	<27.8 (ND)	<552 (ND)	<26.8 (ND)	<27.9 (ND)	<27.3 (ND)	<264 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	259	9940	<90.6 (ND)	1240	2130	5310	2250	1630	1210	6980

Notes:  
mg/Kg = milligram per kilogram or parts per million (ppm).  
<# (ND) = not detected at or above the laboratory method reporting limit shown.  
NE = not established.  
--- = not analyzed or not applicable.  
c = carcinogenic  
nc = noncarcinogenic  
v = volatile  
nv = nonvolatile  
GRO = gasoline-range organics.  
DRO = diesel-range organics.  
RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
(Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	EX9W	EX10NW	EX11N	EX12NE	EX13EC	EX14SE	EX15SC	EX16WSW	EX17SE		EX18S	
Sample ID	EX9W-2.25'	EX10NW-2.25'	EX11N-2.25'	EX12NE-2.25'	EX13EC-2.25'	EX14SE-2.25'	EX15SC-2.25'	EX16WSW-2.25'	EX17SE-3'	EX17SE-5'	EX18S-2.25'	
Date Sampled	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	8/31/2023	2/14/2024	2/14/2024	2/14/2024	
Depth Sampled (feet)	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	3	5	2.25	
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	
<b>Volatle Organic Constituents</b>												
Benzene	c, v	---	---	---	---	---	---	---	---	<0.0132 (ND)	---	
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---	---	
Bromoform	c, v	---	---	---	---	---	---	---	---	---	---	
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---	---	
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---	---	
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---	---	
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---	---	
Chloroform	c, v	---	---	---	---	---	---	---	---	---	---	
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---	---	
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---	---	
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---	
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---	---	
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---	---	
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---	---	
EDB (1,2-dibromoethane)	c, v	---	---	---	---	---	---	---	<0.066 (ND)	---	---	
EDC (1,2-dichloroethane)	c, v	---	---	---	---	---	---	---	<0.033 (ND)	---	---	
Ethylbenzene	c, v	---	---	---	---	---	---	---	<0.033 (ND)	---	---	
MTBE (methyl t-butyl ether)	c, v	---	---	---	---	---	---	---	<0.066 (ND)	---	---	
Naphthalene	c, v	---	---	---	---	---	---	---	<0.132 (ND)	---	---	
iso-Propylbenzene (cumene)	nc, v	---	---	---	---	---	---	---	<0.066 (ND)	---	---	
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---	---	
Toluene	nc, v	---	---	---	---	---	---	---	<0.066 (ND)	---	---	
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---	---	
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---	---	
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---	---	
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	<0.066 (ND)	---	---	
1,3,5-Trimethylbenzene	nc, v	---	---	---	---	---	---	---	<0.066 (ND)	---	---	
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---	---	
Xylenes	nc, v	---	---	---	---	---	---	---	<0.099 (ND)	---	---	
<b>Pesticides</b>												
Aldrin	c, v	---	---	---	---	---	---	---	---	---	---	
Chlordane	c, v	---	---	---	---	---	---	---	---	---	---	
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---	
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---	---	
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---	---	
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---	---	
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---	---	
Endrin	nc, nv	---	---	---	---	---	---	---	---	---	---	
Heptachlor	c, v	---	---	---	---	---	---	---	---	---	---	
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---	---	
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---	---	
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---	---	
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---	---	
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---	---	
<b>Metals</b>												
Arsenic	c, nv	---	---	---	---	---	---	---	3.98	---	3.94	
Barium	nc, nv	---	---	---	---	---	---	---	185	---	158	
Cadmium	nc, nv	---	---	---	---	---	---	---	0.336	---	0.318	
Chromium (III)	nc, nv	---	---	---	---	---	---	---	19.6	---	18.6	
Copper	nc, nv	---	---	---	---	---	---	---	---	---	---	
Lead	NA, nv	40.1	82.7	157	71.7	167	184	6970	4830	14.6	10	
Mercury	nc, nv	---	---	---	---	---	---	---	---	<0.115 (ND)	<0.12 (ND)	
Silver	nc, nv	---	---	---	---	---	---	---	---	<0.289 (ND)	<0.3 (ND)	
<b>Semivolatile Organic Constituents</b>												
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0132 (ND)	0.0135	<0.0114 (ND)	0.0194	<0.011 (ND)	0.0389	0.449	0.295	<0.0124 (ND)	<0.0135 (ND)	<0.0126 (ND)
<b>Polycyclic Aromatic Hydrocarbons</b>												
Acenaphthene	nc, v	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Anthracene	nc, v	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Benz[a]anthracene	c, v	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	---	---	---	---	0.0139	---	---
Benzo[b]fluoranthene	c, nv	---	---	---	---	---	---	---	---	0.0205	---	---
Benzo[k]fluoranthene	c, nv	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Chrysene	c, nv	---	---	---	---	---	---	---	---	<0.0206 (ND)	---	---
Dibenz[a,h]anthracene	c, nv	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Fluoranthene	nc, nv	---	---	---	---	---	---	---	---	0.0294	---	---
Fluorene	nc, v	---	---	---	---	---	---	---	---	<0.0124 (ND)	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	---	---	---	---	0.013	---	---
Pyrene	nc, v	---	---	---	---	---	---	---	---	0.0137	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>												
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<26.5 (ND)	<116 (ND)	<120 (ND)	<24.3 (ND)	<23.2 (ND)	<28.3 (ND)	<1460 (ND)	<1260 (ND)	<24.1 (ND)	<26.6 (ND)	<24.2 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	1360	3330	2990	<48.6 (ND)	310	992	104000	67500	<48.3 (ND)	<53.2 (ND)	61.1

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	EX19SW		EX20W	EX21S	EX22C	SS1		SS2	SS3	SS4
Sample ID	EX19SW-3.25'	EX19SW-5'	EX20SW-2.25'	EX21S-3.25'	EX22C-3'	SS1	SS1	SS2	SS3	SS4
Date Sampled	2/14/2024	2/14/2024	2/14/2024	2/15/2024	2/15/2024	2/15/2024	8/30/2023	8/30/2023	8/30/2023	8/30/2023
Depth Sampled (feet)	3.25	5	2.25	3.25	3	Soil Stockpile		Soil Stockpile	Soil Stockpile	Soil Stockpile
Sampled By	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
Constituent of Interest	Note	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)				
<b>Volatile Organic Constituents</b>										
Benzene	c, v	---	---	<0.0144 (ND)	---	<0.0139 (ND)	---	---	---	---
Bromodichloromethane	c, v	---	---	---	---	---	---	---	---	---
Bromoform	c, v	---	---	---	---	---	---	---	---	---
Bromomethane	nc, v	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	c, v	---	---	---	---	---	---	---	---	---
Chlorobenzene	nc, v	---	---	---	---	---	---	---	---	---
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	---	---	---	---	---
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	---	---	---	---	---
Chloroform	c, v	---	---	---	---	---	---	---	---	---
Chloromethane	nc, v	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	nc, v	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	c, v	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	c, v	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	nc, v	---	---	---	---	---	---	---	---	---
Dichloromethane	c, v	---	---	---	---	---	---	---	---	---
EDB (1,2-dibromoethane)	c, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
EDC (1,2-dichloroethane)	c, v	---	---	<0.036 (ND)	---	<0.0346 (ND)	---	---	---	---
Ethylbenzene	c, v	---	---	<0.036 (ND)	---	<0.0346 (ND)	---	---	---	---
MTBE (methyl t-butyl ether)	c, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
Naphthalene	c, v	---	---	<0.144 (ND)	---	<0.139 (ND)	---	---	---	---
iso-Propylbenzene (cumene)	nc, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
Tetrachloroethene (PCE)	c, v	---	---	---	---	---	---	---	---	---
Toluene	nc, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
1,1,1-Trichloroethane	nc, v	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	c, v	---	---	---	---	---	---	---	---	---
Trichloroethene	NA, v	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	nc, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
1,3,5-Trimethylbenzene	nc, v	---	---	<0.072 (ND)	---	<0.0693 (ND)	---	---	---	---
Vinyl chloride	c, v	---	---	---	---	---	---	---	---	---
Xylenes	nc, v	---	---	<0.108 (ND)	---	<0.104 (ND)	---	---	---	---
<b>Pesticides</b>										
Aldrin	c, v	---	---	---	---	---	---	---	---	---
Chlordane	c, v	---	---	---	---	---	---	---	---	---
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	---	---	---	---	---	---	---	---	---
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	---	---	---	---	---	---	---	---	---
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	---	---	---	---	---	---	---	---	---
Dieldrin	c, nv	---	---	---	---	---	---	---	---	---
Endosulfan (alpha-beta)	nc, v	---	---	---	---	---	---	---	---	---
Endrin	nc, nv	---	---	---	---	---	---	---	---	---
Heptachlor	c, v	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	c, v	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	c, v	---	---	---	---	---	---	---	---	---
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	---	---	---	---	---	---	---	---	---
gamma-Hexachlorocyclohexane (Lindane)	c, nv	---	---	---	---	---	---	---	---	---
Toxaphene	c, nv	---	---	---	---	---	---	---	---	---
<b>Metals</b>										
Arsenic	c, nv	5.04	---	3.8	4	4.67	<1.16 (ND)	<0.1 (ND)	<0.1 (ND)	<0.1 (ND)
Barium	nc, nv	182	---	181	212	182	52.4	<5 (ND)	<5 (ND)	<5 (ND)
Cadmium	nc, nv	0.287	---	<0.279 (ND)	<0.276 (ND)	<0.301 (ND)	<0.232 (ND)	<0.1 (ND)	<0.1 (ND)	<0.1 (ND)
Chromium (III)	nc, nv	22.4	---	20.3	23.9	22	2.49	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
Copper	nc, nv	---	---	---	---	---	---	---	---	---
Lead	NA, nv	29.8	8.08	20.6	11.7	17.6	26.9	1	54.1	<0.05 (ND)
Mercury	nc, nv	<0.108 (ND)	---	<0.112 (ND)	<0.111 (ND)	<0.12 (ND)	<0.0927 (ND)	<0.007 (ND)	<0.007 (ND)	<0.007 (ND)
Silver	nc, nv	<0.27 (ND)	---	<0.279 (ND)	<0.276 (ND)	<1.51 (ND)	<0.232 (ND)	<0.1 (ND)	<0.1 (ND)	<0.1 (ND)
<b>Semivolatile Organic Constituents</b>										
Polychlorinated biphenyls (Total PCBs)	c, v	<0.0123 (ND)	<0.0133 (ND)	<0.0123 (ND)	<0.0118 (ND)	<0.0125 (ND)	<0.00878 (ND)	---	---	---
<b>Polycyclic Aromatic Hydrocarbons</b>										
Acenaphthene	nc, v	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Anthracene	nc, v	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Benzo[a]anthracene	c, v	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Benzo[b]fluoranthene	c, nv	---	---	0.0192	---	0.0165	---	---	---	---
Benzo[k]fluoranthene	c, nv	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Chrysene	c, nv	---	---	0.0229	---	0.0188	---	---	---	---
Dibenz[a,h]anthracene	c, nv	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Fluoranthene	nc, nv	---	---	0.03	---	0.0227	---	---	---	---
Fluorene	nc, v	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Indeno[1,2,3-cd]pyrene	c, nv	---	---	<0.0121 (ND)	---	<0.0121 (ND)	---	---	---	---
Pyrene	nc, v	---	---	0.026	---	0.0226	---	---	---	---
Styrene	nc, v	---	---	---	---	---	---	---	---	---
<b>Total Petroleum Hydrocarbons</b>										
Generic Gasoline (GRO)	nc, v	---	---	---	---	---	---	---	---	---
Generic Diesel / Heating Oil (DRO)	nc, v	<23.7 (ND)	<26.3 (ND)	<24.9 (ND)	<22.7 (ND)	<23.3 (ND)	<18.3 (ND)	<447 (ND)	<1180 (ND)	<28.6 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	97.6	418	<49.7 (ND)	1680	189	62.3	23400	133000	2510

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.  
 BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 1 - Summary of Analytical Data, Soil

Location ID	Sample ID	Date Sampled	Depth Sampled (feet)	Sampled By	Maximum Soil Concentration (remaining soil)	ODEQs Screening-Level Risk-Based Concentrations SLRBCs <sup>1</sup> (Soil)	Background Concentrations (Regional Default)	Exceeds ODEQs Screening-Level SLRBCs (Soil) and Regional Background Concentrations
Constituent of Interest	Note	mg/Kg (ppm)					TRUE OR Y FALSE OR N	
<b>Volatile Organic Constituents</b>								
Benzene	c, v	<0.0259 (ND)	0.023	---	---	---	Y	
Bromodichloromethane	c, v	---	0.002	---	---	---	---	
Bromoform	c, v	---	0.046	---	---	---	---	
Bromomethane	nc, v	---	0.083	---	---	---	---	
Carbon tetrachloride	c, v	---	0.013	---	---	---	---	
Chlorobenzene	nc, v	---	5.8	---	---	---	---	
Chlorodibromomethane (dibromochloromethane)	c, v	---	0.0024	---	---	---	---	
Chloroethane (ethyl chloride)	nc, v	---	310	---	---	---	---	
Chloroform	c, v	---	0.0034	---	---	---	---	
Chloromethane	nc, v	---	2.2	---	---	---	---	
1,2-Dichlorobenzene	nc, v	---	36	---	---	---	---	
1,4-Dichlorobenzene	c, v	---	0.057	---	---	---	---	
1,1-Dichloroethane	c, v	---	0.044	---	---	---	---	
1,1-Dichloroethene	nc, v	---	6.7	---	---	---	---	
cis-1,2-Dichloroethene	nc, v	---	0.63	---	---	---	---	
trans-1,2-Dichloroethene	nc, v	---	7.0	---	---	---	---	
Dichloromethane	c, v	---	0.14	---	---	---	---	
EDB (1,2-dibromoethane)	c, v	<0.0892 (ND)	0.00012	---	---	---	(Y)	
EDC (1,2-dichloroethane)	c, v	<0.0446 (ND)	0.0028	---	---	---	(Y)	
Ethylbenzene	c, v	<0.0446 (ND)	0.22	---	---	---	N	
MTBE (methyl t-butyl ether)	c, v	<0.686 (ND)	0.11	---	---	---	(Y)	
Naphthalene	c, v	0.0225	0.077	---	---	---	N	
iso-Propylbenzene (cumene)	nc, v	<0.0892 (ND)	96	---	---	---	N	
Tetrachloroethene (PCE)	c, v	---	0.46	---	---	---	---	
Toluene	nc, v	<0.0892 (ND)	83	---	---	---	N	
1,1,1-Trichloroethane	nc, v	---	190	---	---	---	(Y)	
1,1,2-Trichloroethane	c, v	---	0.0063	---	---	---	---	
Trichloroethene	NA, v	---	0.013	---	---	---	---	
Trichlorofluoromethane (Freon 11)	nc, v	---	61	---	---	---	---	
1,2,4-Trimethylbenzene	nc, v	<0.0892 (ND)	10	---	---	---	N	
1,3,5-Trimethylbenzene	nc, v	<0.0892 (ND)	11	---	---	---	N	
Vinyl chloride	c, v	---	0.00057	---	---	---	---	
Xylenes	nc, v	<0.134 (ND)	23	---	---	---	N	
<b>Pesticides</b>								
Aldrin	c, v	<0.0249 (ND)	0.023	---	---	---	(Y)	
Chlordane	c, v	0.017	0.91	---	---	---	N	
DDD (4,4'-Dichlorodiphenyldichloroethane)	c, nv	0.00849	1.1	---	---	---	N	
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, v	0.0106	1.6	---	---	---	N	
DDT (4,4'-Dichlorodiphenyltrichloroethane)	c, nv	0.00803	1.9	---	---	---	N	
Diekdin	c, nv	0.00543	0.01	---	---	---	N	
Endosulfan (alpha-beta)	nc, v	<0.00878 (ND)	200	---	---	---	N	
Endrin	nc, nv	<0.00439 (ND)	11	---	---	---	N	
Heptachlor	c, v	<0.00439 (ND)	0.017	---	---	---	N	
Heptachlor Epoxide	c, v	<0.00439 (ND)	0.0042	---	---	---	(Y)	
Hexachlorobenzene	c, v	<0.00439 (ND)	0.018	---	---	---	N	
alpha-Hexachlorocyclohexane (alpha-HCH)	c, nv	<0.00439 (ND)	0.0063	---	---	---	N	
gamma-Hexachlorocyclohexane (Lindane)	c, nv	<0.00439 (ND)	0.036	---	---	---	N	
Toxaphene	c, nv	<0.131 (ND)	0.36	---	---	---	N	
<b>Metals</b>								
Arsenic	c, nv	16.6	0.43	8.8	---	---	Y	
Barium	nc, nv	230	15000	790	---	---	N	
Cadmium	nc, nv	<1.23 (ND)	78	0.63	---	---	N	
Chromium (III)	nc, nv	27.2	120000	76	---	---	N	
Copper	nc, nv	41.6	3100	34	---	---	N	
Lead	NA, nv	184	30	28	---	---	Y	
Mercury	nc, nv	0.202	23	0.23	---	---	N	
Silver	nc, nv	<1.51 (ND)	390	0.82	---	---	N	
<b>Semivolatile Organic Constituents</b>								
Polychlorinated biphenyls (Total PCBs)	c, v	0.0389	0.23	---	---	---	N	
<b>Polycyclic Aromatic Hydrocarbons</b>								
Acenaphthene	nc, v	<0.0411 (ND)	770	---	---	---	N	
Anthracene	nc, v	<0.0411 (ND)	8200	---	---	---	N	
Benzo[a]anthracene	c, v	0.0179	1.1	---	---	---	N	
Benzo[a]pyrene (BaP equivalents)	c, nv	0.0216	0.11	---	---	---	N	
Benzo[b]fluoranthene	c, nv	0.0267	1.1	---	---	---	N	
Benzo[k]fluoranthene	c, nv	<0.0411 (ND)	11	---	---	---	N	
Chrysene	c, nv	0.026	110	---	---	---	N	
Dibenz[a,h]anthracene	c, nv	<0.0411 (ND)	0.11	---	---	---	N	
Fluoranthene	nc, nv	0.03	2400	---	---	---	N	
Fluorene	nc, v	<0.0411 (ND)	770	---	---	---	N	
Indeno[1,2,3-cd]pyrene	c, nv	0.0251	1.1	---	---	---	N	
Pyrene	nc, v	0.0373	1800	---	---	---	N	
Styrene	nc, v	---	170	---	---	---	---	
<b>Total Petroleum Hydrocarbons</b>								
Generic Gasoline (GRO)	nc, v	<8.9 (ND)	31	---	---	---	N	
Generic Diesel / Heating Oil (DRO)	nc, v	368	1100	---	---	---	N	
Generic Mineral Insulating Oil (RRO)	nc, nv	6980	2800	---	---	---	CA	

Notes:  
 mg/Kg = milligram per kilogram or parts per million (ppm).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

Shaded concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for soil (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.

Pink shaded cells in table indicate sampled location has been subsequently removed to appropriate waste disposal/recycling location and no longer represents current conditions.

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

BKG = constituent exceeded its SLRBC; however, was not detected above default background concentrations in soil

Table 2 - Summary of Analytical Data, Leachable Metals (TCLP)

Location ID		SHED-TPW	
Sample ID		SHED-TPW-2.25'	
Date Sampled		7/20/2023	
Depth Sampled (feet)		2.25	
Sampled By		CG	
Location			
<b>Constituent of Interest</b>		<b>Note</b>	
		mg/L (ppm)	mg/L (ppm)
<b>Metals</b>			
Lead	NA, nv	<b>9.79</b>	5

Notes:

<sup>1</sup> Resource Conservation and Recovery Act, 1976

mg/L = milligram per Liter or parts per million (ppm).

nv = nonvolatile

**Shaded** concentrations exceed its corresponding RCRA characteristic screening level.



Table 3 - Summary of Analytical Data, Reconnaissance and Monitoring Well Ground Water

Location ID	B1	B2	B3	B5	B6	B7	B10	B11	
Sample ID	B1-H20	B2-H20	B3-H20	B5-H20	B6-H20	B7-H20	B10-H20	B11-H20	
Date Sampled	7/20/22	7/20/22	7/20/22	7/20/22	3/30/23	3/30/23	3/30/23	3/30/23	
Sampled By	CG	CG	CG	CG	CG	CG	CG	CG	
Constituent of Interest	Note	µg/L (ppb)	µg/L (ppb)	µg/L (ppb)					
<b>Volatile Organic Constituents</b>									
Acrylonitrile	c, v	---	---	---	---	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
Benzene	c, v	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)	---	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
Bromodichloromethane	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Bromoform	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Bromomethane	nc, v	---	---	---	---	<5 (ND)	<5 (ND)	<5 (ND)	<5 (ND)
Carbon tetrachloride	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chlorobenzene	nc, v	---	---	---	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
Chlorodibromomethane (dibromochloromethane)	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chloroethane (ethyl chloride)	nc, v	---	---	---	---	<5 (ND)	<5 (ND)	<5 (ND)	<5 (ND)
Chloroform	c, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chloromethane	nc, v	---	---	---	---	<5 (ND)	<5 (ND)	<5 (ND)	<5 (ND)
1,2-Dichlorobenzene	nc, v	---	---	---	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
1,4-Dichlorobenzene	c, v	---	---	---	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
1,1-Dichloroethane	c, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
1,1-Dichloroethene	nc, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
cis-1,2-Dichloroethene	nc, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
trans-1,2-Dichloroethene	nc, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Dichloromethane	c, v	---	---	---	---	<10 (ND)	<10 (ND)	<10 (ND)	<10 (ND)
EDB (1,2-dibromoethane)	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
EDC (1,2-dichloroethane)	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Ethylbenzene	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
MTBE (methyl t-butyl ether)	c, v	2.72	<1 (ND)	1.06	---	<1 (ND)	<1 (ND)	<1 (ND)	5.74
Naphthalene	c, v	<2 (ND)	<2 (ND)	<2 (ND)	---	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
iso-Propylbenzene (cumene)	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Tetrachloroethene (PCE)	c, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Toluene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
1,1,1-Trichloroethane	nc, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
1,1,2-Trichloroethane	c, v	---	---	---	---	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
Trichloroethene	NA, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Trichlorofluoromethane (Freon 11)	nc, v	---	---	---	---	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
1,2,4-Trimethylbenzene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
1,3,5-Trimethylbenzene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Vinyl chloride	c, v	---	---	---	---	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Xylenes	nc, v	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)	---	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)
<b>Metals (Dissolved)</b>									
Arsenic (Dissolved)		---	---	---	---	1.88	1.43	1.59	<1 (ND)
Barium (Dissolved)		---	---	---	---	35.1	28.9	22.9	35.3
Cadmium (Dissolved)		---	---	---	---	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
Chromium (Dissolved)		---	---	---	---	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
Copper (Dissolved)		---	---	---	---	<2 (ND)	3.39	<2 (ND)	<2 (ND)
Lead (Dissolved)		---	---	---	---	<0.2 (ND)	0.474	<0.2 (ND)	<0.2 (ND)
Mercury (Dissolved)		---	---	---	---	<0.08 (ND)	<0.08 (ND)	<0.08 (ND)	<0.08 (ND)
Silver (Dissolved)		---	---	---	---	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
<b>Semivolatile Organic Constituents</b>									
<b>Polycyclic Aromatic Hydrocarbons</b>									
Acenaphthene	nc, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.0465 (ND)
Anthracene	nc, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.0465 (ND)
Benz[a]anthracene	c, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Benzo[a]pyrene (BaP equivalents)	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Benzo[b]fluoranthene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Benzo[k]fluoranthene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Chrysene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Dibenz[a,h]anthracene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Fluoranthene	nc, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Fluorene	nc, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Indeno[1,2,3-cd]pyrene	c, nv	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Pyrene	nc, v	---	---	---	---	<0.0408 (ND)	<0.0426 (ND)	<0.043 (ND)	<0.465 (ND)
Styrene	nc, v	---	---	---	---	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
<b>Total Petroleum Hydrocarbons</b>									
Generic Gasoline (GRO)	nc, v	---	---	---	---	<100 (ND)	<100 (ND)	<100 (ND)	<100 (ND)
Generic Diesel / Heating Oil (DRO)	nc, v	<213 (ND)	<208 (ND)	<204 (ND)	<217 (ND)	<247 (ND)	<202 (ND)	<238 (ND)	<247 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	<426 (ND)	<417 (ND)	<b>482</b>	<b>469</b>	<494 (ND)	<404 (ND)	<476 (ND)	<494 (ND)

Notes:  
 ug/L = micrograms per Liter or parts per billion (ppb).  
 <# (ND) = not detected at or above the laboratory method reporting limit shown.  
 NE = not established.  
<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level assumes residential use, from ODEQ RBCs dated May 2018).  
<sup>2</sup> Default background concentration for metals (Freshwater), ODEQ October 28, 2002.  
 --- = not analyzed or not applicable.  
 c = carcinogenic  
 nc = noncarcinogenic  
 v = volatile  
 nv = nonvolatile  
 GRO = gasoline-range organics.  
 DRO = diesel-range organics.  
 RRO = residual-range organics.

**Bolded** concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level).  
 (Y) indicates analyte not detected, but detection limit is above screening concentration.  
**Y** = maximum concentration exceeds screening criteria and background and it tentatively identified as a Constituent of Potential Concern  
 CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

Table 3 - Summary of Analytical Data, Reconnaissance and Monitoring Well Ground Water

Location ID		B12	MW1	MW2	MW3
Sample ID		B12-H2O	MW1-H2O	MW2-H2O	MW3-H2O
Date Sampled		3/30/23	3/30/23	3/30/23	3/30/23
Sampled By		CG	CG	CG	CG
Constituent of Interest	Note	µg/L (ppb)	µg/L (ppb)	µg/L (ppb)	µg/L (ppb)
<b>Volatile Organic Constituents</b>					
Acrylonitrile	c, v	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
Benzene	c, v	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)	<0.2 (ND)
Bromodichloromethane	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Bromoform	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Bromomethane	nc, v	<5 (ND)	<5 (ND)	<5 (ND)	<5 (ND)
Carbon tetrachloride	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chlorobenzene	nc, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
Chlorodibromomethane (dibromochloromethane)	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chloroethane (ethyl chloride)	nc, v	<5 (ND)	<5 (ND)	<5 (ND)	<5 (ND)
Chloroform	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Chloromethane	nc, v	<5 (ND)	<5 (ND)	6.89	<5 (ND)
1,2-Dichlorobenzene	nc, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
1,4-Dichlorobenzene	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
1,1-Dichloroethane	c, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
1,1-Dichloroethene	nc, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
cis-1,2-Dichloroethene	nc, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
trans-1,2-Dichloroethene	nc, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Dichloromethane	c, v	<10 (ND)	<10 (ND)	<10 (ND)	<10 (ND)
EDB (1,2-dibromoethane)	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
EDC (1,2-dichloroethane)	c, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Ethylbenzene	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
MTBE (methyl t-butyl ether)	c, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Naphthalene	c, v	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
iso-Propylbenzene (cumene)	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Tetrachloroethene (PCE)	c, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Toluene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
1,1,1-Trichloroethane	nc, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
1,1,2-Trichloroethane	c, v	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)	<0.5 (ND)
Trichloroethene	NA, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Trichlorofluoromethane (Freon 11)	nc, v	<2 (ND)	<2 (ND)	<2 (ND)	<2 (ND)
1,2,4-Trimethylbenzene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
1,3,5-Trimethylbenzene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
Vinyl chloride	c, v	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)	<0.4 (ND)
Xylenes	nc, v	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)	<1.5 (ND)
<b>Metals (Dissolved)</b>					
Arsenic (Dissolved)		<1 (ND)	---	2.83	<b>3.03</b>
Barium (Dissolved)		24	---	46.9	125
Cadmium (Dissolved)		<0.2 (ND)	---	<0.2 (ND)	<0.2 (ND)
Chromium (Dissolved)		<2 (ND)	---	<2 (ND)	<2 (ND)
Copper (Dissolved)		<2 (ND)	---	<2 (ND)	<2 (ND)
Lead (Dissolved)		<0.2 (ND)	---	<0.2 (ND)	<0.2 (ND)
Mercury (Dissolved)		<0.08 (ND)	---	<0.08 (ND)	<0.08 (ND)
Silver (Dissolved)		<0.2 (ND)	---	<0.2 (ND)	<0.2 (ND)
<b>Semivolatile Organic Constituents</b>					
<b>Polycyclic Aromatic Hydrocarbons</b>					
Acenaphthene	nc, v	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Anthracene	nc, v	<0.0408 (ND)	<0.276 (ND)	<0.0421 (ND)	---
Benz[a]anthracene	c, v	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Benzo[a]pyrene (BaP equivalents)	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Benzo[b]fluoranthene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Benzo[k]fluoranthene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Chrysene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Dibenz[a,h]anthracene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Fluoranthene	nc, nv	<0.0408 (ND)	<0.276 (ND)	<0.0421 (ND)	<0.17 (ND)
Fluorene	nc, v	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	0.054
Indeno[1,2,3-cd]pyrene	c, nv	<0.0408 (ND)	<0.069 (ND)	<0.0421 (ND)	<0.0426 (ND)
Pyrene	nc, v	<0.0408 (ND)	<0.276 (ND)	<0.0421 (ND)	<0.17 (ND)
Styrene	nc, v	<1 (ND)	<1 (ND)	<1 (ND)	<1 (ND)
<b>Total Petroleum Hydrocarbons</b>					
Generic Gasoline (GRO)	nc, v	<100 (ND)	---	<100 (ND)	<100 (ND)
Generic Diesel / Heating Oil (DRO)	nc, v	<200 (ND)	---	<213 (ND)	<235 (ND)
Generic Mineral Insulating Oil (RRO)	nc, nv	<400 (ND)	---	<426 (ND)	<471 (ND)

Notes:

ug/L = micrograms per Liter or parts per billion (ppb).

<# (ND) = not detected at or above the laboratory method reporting limit shown.

NE = not established.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level assumes residential use, from ODEQ RBCs dated May 2018).

<sup>2</sup> Default background concentration for metals (Freshwater), ODEQ October 28, 2002.

— = not analyzed or not applicable.

c = carcinogenic

nc = noncarcinogenic

v = volatile

nv = nonvolatile

GRO = gasoline-range organics.

DRO = diesel-range organics.

RRO = residual-range organics.

**Bolded** concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level).

(Y) indicates analyte not detected, but detection limit is above screening concentration.

**Y** = maximum concentration exceeds screening criteria and background and it tentatively identified as a Constituent of Potential Concern

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

Table 3 - Summary of Analytical Data, Reconnaissance and Monitoring Well Ground Water

Location ID	Sample ID	Date Sampled	Sampled By	Maximum Ground Water Concentration	ODEQs Screening-level Risk-Based Concentrations (SLRBCs) <sup>1</sup>	Background (Surface Water) Concentrations (metals) <sup>2</sup>	Exceeds Surface Water Background Concentration (metals)? TRUE OR Y FALSE OR N	Potential COPC? TRUE OR Y FALSE OR N
Constituent of Interest	Note	µg/L (ppb)						
<b>Volatile Organic Constituents</b>								
Acrylonitrile	c, v	<2 (ND)	0.052	NE	N	(Y)		
Benzene	c, v	<0.2 (ND)	0.46	NE	N	N		
Bromodichloromethane	c, v	<1 (ND)	0.13	NE	N	(Y)		
Bromoform	c, v	<1 (ND)	3.3	NE	N	N		
Bromomethane	nc, v	<5 (ND)	7.5	NE	N	N		
Carbon tetrachloride	c, v	<1 (ND)	0.46	NE	N	(Y)		
Chlorobenzene	nc, v	<0.5 (ND)	77	NE	N	N		
Chlorodibromomethane (dibromochloromethane)	c, v	<1 (ND)	0.17	NE	N	(Y)		
Chloroethane (ethyl chloride)	nc, v	<5 (ND)	21000	NE	N	N		
Chloroform	c, v	<1 (ND)	0.22	NE	N	(Y)		
Chloromethane	nc, v	6.89	190	NE	N	N		
1,2-Dichlorobenzene	nc, v	<0.5 (ND)	300	NE	N	N		
1,4-Dichlorobenzene	c, v	<0.5 (ND)	0.48	NE	N	(Y)		
1,1-Dichloroethane	c, v	<0.4 (ND)	2.8	NE	N	N		
1,1-Dichloroethene	nc, v	<0.4 (ND)	280	NE	N	N		
cis-1,2-Dichloroethene	nc, v	<0.4 (ND)	36	NE	N	N		
trans-1,2-Dichloroethene	nc, v	<0.4 (ND)	360	NE	N	N		
Dichloromethane	c, v	<10 (ND)	11	NE	N	N		
EDB (1,2-dibromoethane)	c, v	<0.5 (ND)	0.0075	NE	N	(Y)		
EDC (1,2-dichloroethane)	c, v	<0.5 (ND)	0.17	NE	N	(Y)		
Ethylbenzene	c, v	<0.5 (ND)	1.5	NE	N	N		
MTBE (methyl t-butyl ether)	c, v	5.74	14	NE	N	N		
Naphthalene	c, v	<2 (ND)	0.17	NE	N	(Y)		
iso-Propylbenzene (cumene)	nc, v	<1 (ND)	440	NE	N	N		
Tetrachloroethene (PCE)	c, v	<0.4 (ND)	12	NE	N	N		
Toluene	nc, v	<1 (ND)	1100	NE	N	N		
1,1,1-Trichloroethane	nc, v	<0.4 (ND)	8000	NE	N	N		
1,1,2-Trichloroethane	c, v	<0.5 (ND)	0.28	NE	N	(Y)		
Trichloroethene	NA, v	<0.4 (ND)	0.49	NE	N	N		
Trichlorofluoromethane (Freon 11)	nc, v	<2 (ND)	1100	NE	N	N		
1,2,4-Trimethylbenzene	nc, v	<1 (ND)	54	NE	N	N		
1,3,5-Trimethylbenzene	nc, v	<1 (ND)	59	NE	N	N		
Vinyl chloride	c, v	<0.4 (ND)	0.027	NE	N	(Y)		
Xylenes	nc, v	<1.5 (ND)	190	NE	N	N		
<b>Metals (Dissolved)</b>								
Arsenic (Dissolved)		3.03	0.052	2	Y	<b>Y</b>		
Barium (Dissolved)		125	4000	---	N	N		
Cadmium (Dissolved)		0.2	20	1	N	N		
Chromium (Dissolved)		2	30000	1	Y	N		
Copper (Dissolved)		3.39	800	9	N	N		
Lead (Dissolved)		0.474	15	13.3	N	N		
Mercury (Dissolved)		<0.08 (ND)	6	0.1	N	N		
Silver (Dissolved)		<0.2 (ND)	100	1	N	N		
<b>Semivolatile Organic Constituents</b>								
<b>Polycyclic Aromatic Hydrocarbons</b>								
Acenaphthene	nc, v	<0.069 (ND)	510	NE	N	N		
Anthracene	nc, v	<0.276 (ND)	1700	NE	N	N		
Benz[a]anthracene	c, v	<0.465 (ND)	0.03	NE	N	(Y)		
Benzo[a]pyrene (BaP equivalents)	c, nv	<0.465 (ND)	0.025	NE	N	(Y)		
Benzo[b]fluoranthene	c, nv	<0.465 (ND)	0.25	NE	N	(Y)		
Benzo[k]fluoranthene	c, nv	<0.465 (ND)	2.5	NE	N	N		
Chrysene	c, nv	<0.465 (ND)	25	NE	N	N		
Dibenz[a,h]anthracene	c, nv	<0.465 (ND)	0.025	NE	N	(Y)		
Fluoranthene	nc, nv	<0.465 (ND)	800	NE	N	N		
Fluorene	nc, v	0.054	280	NE	N	N		
Indeno[1,2,3-cd]pyrene	c, nv	<0.465 (ND)	0.25	NE	N	(Y)		
Pyrene	nc, v	<0.465 (ND)	110	NE	N	N		
Styrene	nc, v	<1 (ND)	1200	NE	N	N		
<b>Total Petroleum Hydrocarbons</b>								
Generic Gasoline (GRO)	nc, v	<100 (ND)	110	NE	N	N		
Generic Diesel / Heating Oil (DRO)	nc, v	<247 (ND)	100	NE	N	(Y)		
Generic Mineral Insulating Oil (RRO)	nc, nv	482	300	NE	N	CA		

Notes:

ug/L = micrograms per Liter or parts per billion (ppb).

<# (ND) = not detected at or above the laboratory method reporting limit shown.

NE = not established.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level assumes residential use, from ODEQ RBCs dated May 2018).

<sup>2</sup> Default background concentration for metals (Freshwater), ODEQ October 28, 2002.

— = not analyzed or not applicable.

c = carcinogenic

nc = noncarcinogenic

v = volatile

nv = nonvolatile

GRO = gasoline-range organics.

DRO = diesel-range organics.

RRO = residual-range organics.

**Bolded** concentrations exceed screening level risk-based concentrations and background concentrations, as applicable.

<sup>1</sup> Lowest Risk-Based Concentration for ground water (screening level).

(Y) indicates analyte not detected, but detection limit is above screening concentration.

**Y** = maximum concentration exceeds screening criteria and background and it tentatively identified as a Constituent of Potential Concern

CA = since generic RBCs for RRO are based on mineral oil, constituents commonly associated with RRO were further evaluated to identify potential COPCs.

Table 4. Further Evaluation of COPCs in Soil

Contaminated Medium		SOIL mg/Kg (ppm)						Maximum Detected Concentration	Exposure Point Concentration (Based on 90% UCL)	Lowest Applicable RBC (Soil)	Constituent of Concern (COC, based on MDC or EPC, as applicable)?
Exposure Pathway		Soil Ingestion, Dermal Contact, and Inhalation									
Receptor Scenario		RBC <sub>ss</sub>									
Direct or Indirect Pathway (see notes)		Occupational		Construction Worker		Excavation Worker					
Contaminant of Concern		Note	Note	Note	Note			mg/Kg (ppm)	mg/Kg (ppm)	mg/Kg (ppm)	Y/N
<b>Volatile Organic Constituents</b>											
Benzene	c, v	37		380		11000	>C <sub>sat</sub>	0.0259	---	37	N
<b>Metals</b>											
Arsenic	c, nv	1.9		15		420		16.6	6.2	1.9	BKG
Lead	NA, nv	800	L	800	L	800	L	184	---	800	N

Notes:

mg/kg = milligrams per kilogram or parts per million (ppm)

c = carcinogenic

v = volatile

nv = nonvolatile

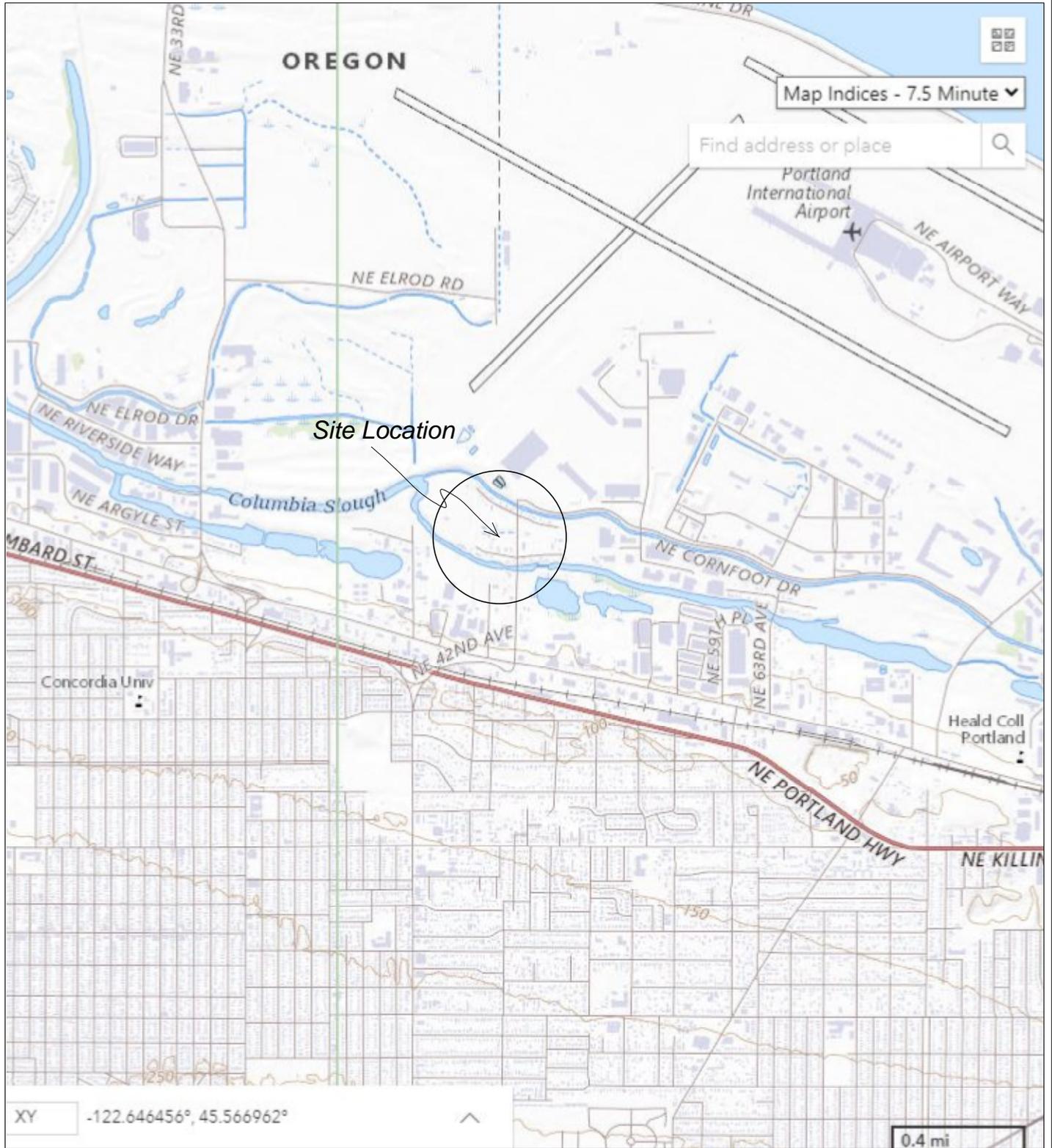
<C<sub>sat</sub> = This soil RBC exceeds the limit of three-phase equilibrium partitioning.

Table 5. Further Evaluation of COPCs, Ground Water

Contaminated Medium		GROUND WATER µg/L (ppb)												Maximum Detected Concentration	Lowest Applicable RBC (Ground Water) <sup>1</sup>	Constituent of Concern (COC)?		
		Volatilization to Outdoor Air RBC <sub>wo</sub>						Vapor Intrusion into Buildings RBC <sub>wi</sub>									GW in Excavation RBC <sub>we</sub>	
Exposure Pathway		Residential		Urban Residential		Occupational		Residential		Urban Residential		Occupational		Construction & Excavation Worker				
Receptor Scenario		Residential		Urban Residential		Occupational		Residential		Urban Residential		Occupational		Construction & Excavation Worker				
Direct or Indirect Pathway (see notes)		IVW		IVW		IVW		IVW		IVW		IVW		DS				
Contaminant of Concern		Note	Note	Note	Note	Note	Note	Note	Note	Note	Note	Note	Note	µg/L (ppb)	µg/L (ppb)	Y/N		
<b>Metals</b>																		
Arsenic		c, nv	-	NV	-	NV	-	NV	-	NV	-	NV	-	NV	6300	3.03	6,300	N

Notes:  
 ND = not detected at or above laboratory method reporting  
 limits  
 — = not analyzed or not applicable.  
 ug/L = micrograms per Liter or parts per billion (ppb).  
 c = carcinogenic  
 nv = nonvolatile

## FIGURES



**Legend**

USGS 7.5' Series Topographic Map  
Mount Tabor Quad 1992



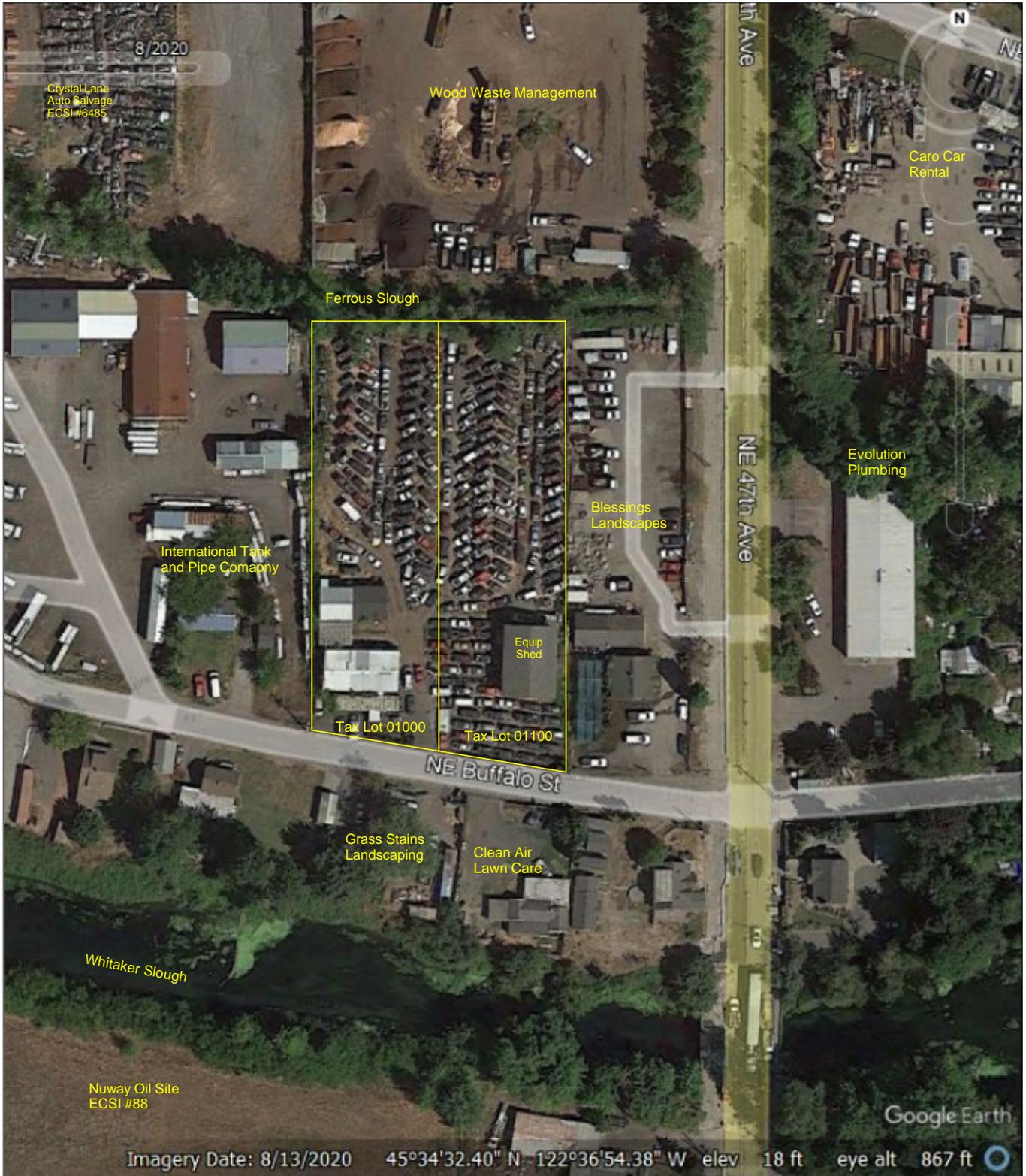
Figure 1: Former Airport Auto Salvage Property  
Site Location Map  
4623 NE Buffalo Street/Portland, OR 97219  
DEQ ECSI Site ID #6484

GRANT ASSOCIATES, Inc.  
Portland, Oregon  
503-234-4299

Drawn By: CRG

Date:

Project No. 2207-1865

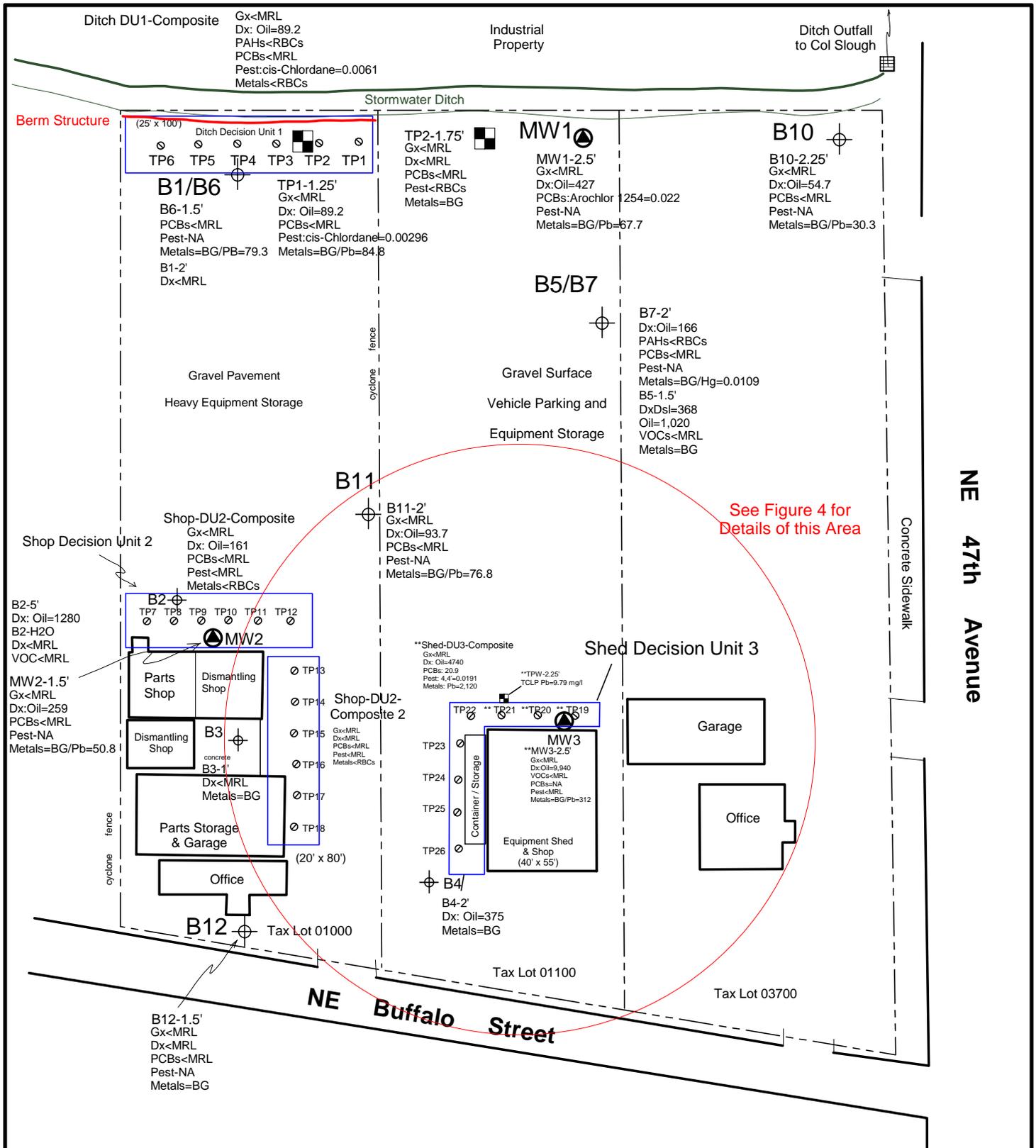


**Legend**

Base Map from Google Earth 2020

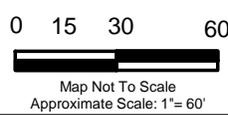


<p>Figure 2: Site Features Aerial Photos Map          Former Airport Auto Salvage Facility          4623 NE Buffalo Street/Portland, OR 97219          DEQ ECSI Site ID #6484</p>	
<p>GRANT ASSOCIATES, Inc.          Portland, Oregon          503-234-4299</p>	<p>Drawn By: CRG</p>
	<p>Date: 8-13-20</p>
	<p>Project No. 2402</p>



**Legend**

- B12 Gx<MRL  
Dx<MRL  
PCBs<MRL  
Pest-NA  
Metals=BG  
Soil Boring Locations with Sample Depths (ft)  
(with soil lab results in mg/kg; <MRL=not detected at or above method reporting limit); <RBCs = less than Risk-Based Concentrations; BG = Background  
\*\* = material overexcavated and disposed at CWM Arlington
- TP1 Test Pit Locations
- MW1 Groundwater Monitoring Well Locations
- DU1-TP1 Incremental Sampling Method Test Pit Composite Sample Location

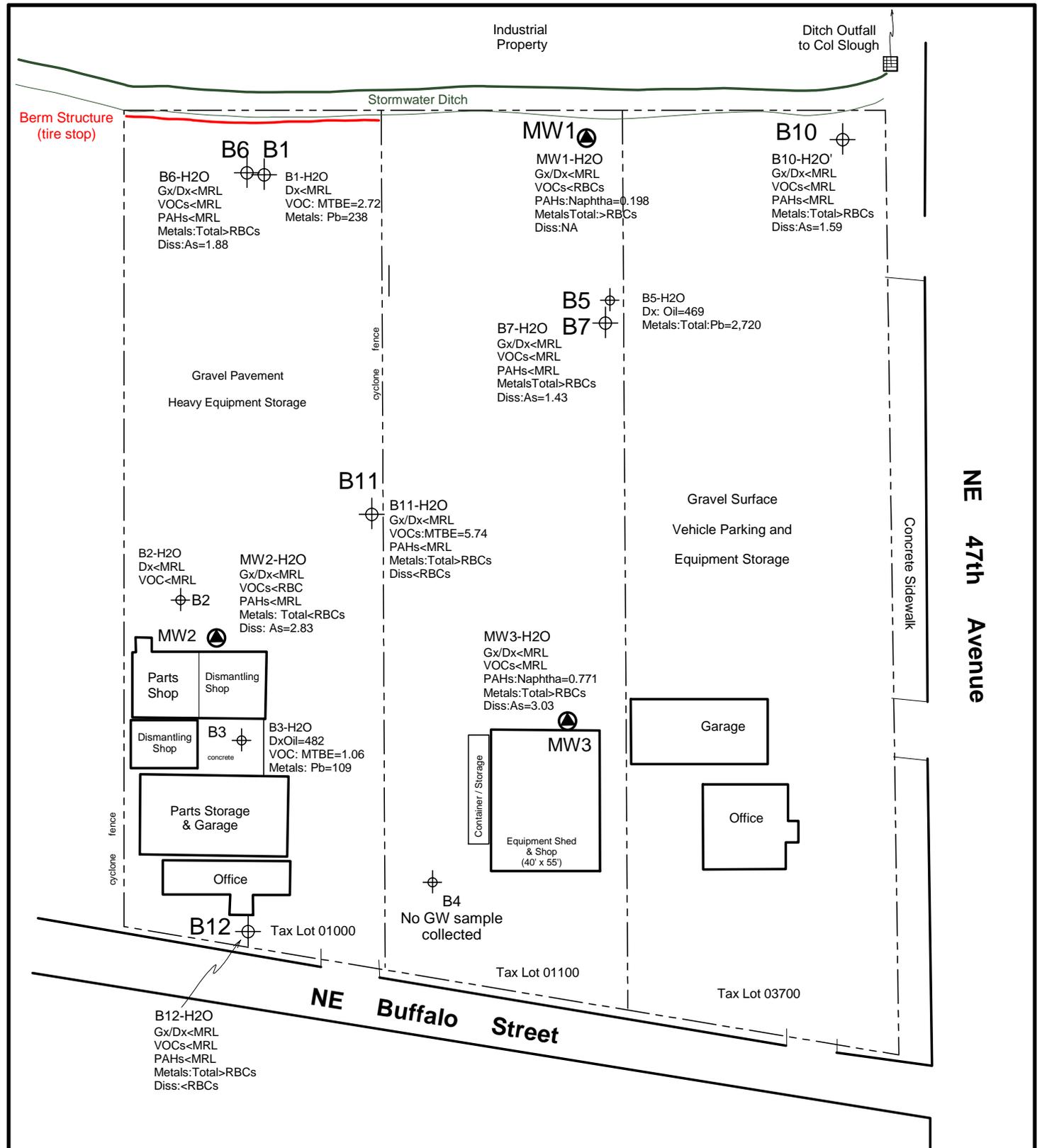


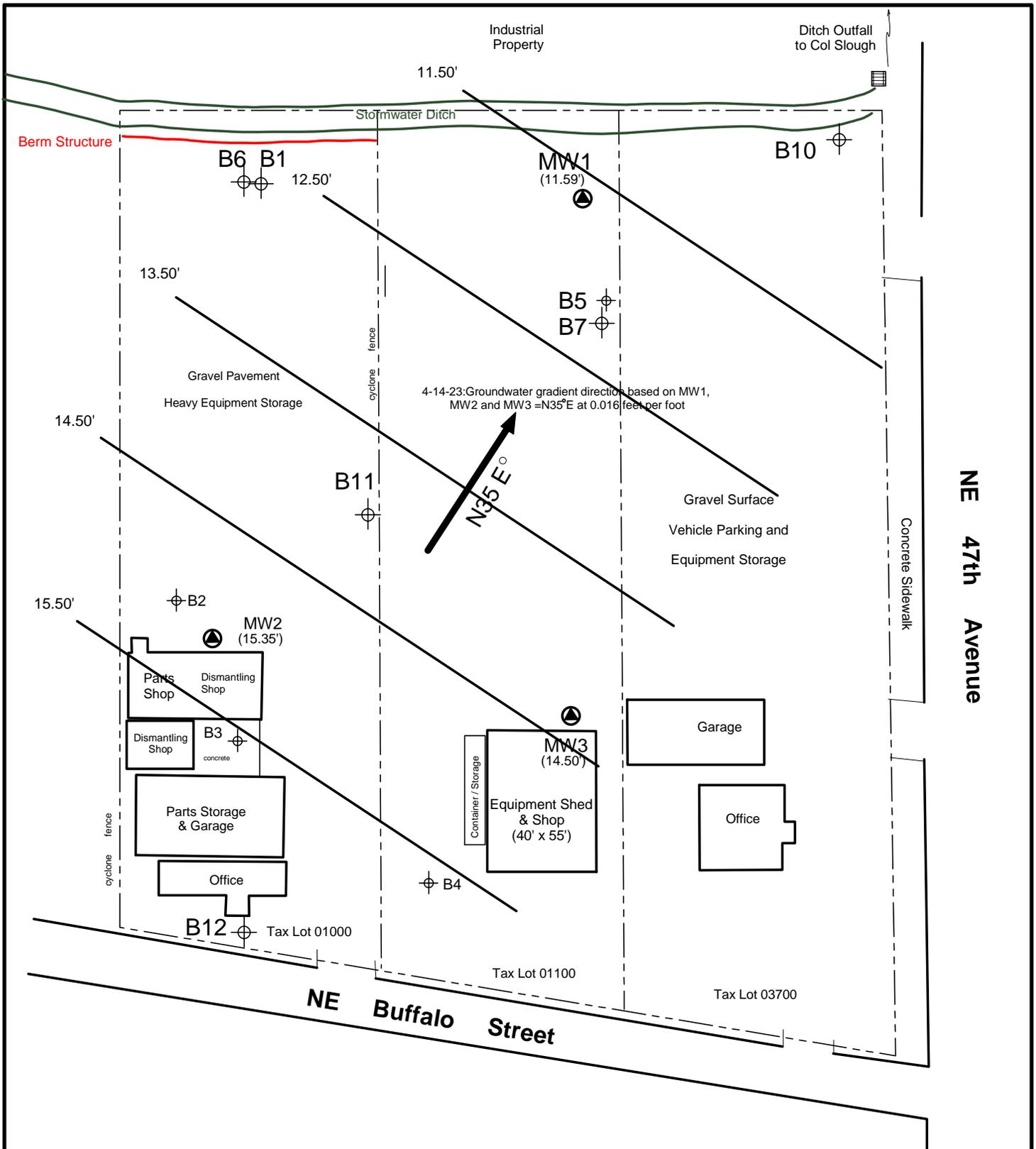
**Figure 3 Summary Soil Sample Location**  
 Expanded Baseline Investigation  
 Former Airport Auto Salvage Property  
 4623 NE Buffalo Street/Portland, OR 97219  
 DEQ ECSI Site ID #6484

**GRANT ASSOCIATES, Inc.**  
 Portland, Oregon  
 503-234-4299

Drawn By: CRG  
 Date: 2-14-24  
 Project No. 2303-1877







**Legend**

- ⊕ B12 Soil Boring Locations with Sample Depths (ft)
- ▲ MW1 (11.59') Groundwater Monitoring Well Locations (with groundwater elevation in feet)

0 15 30 60

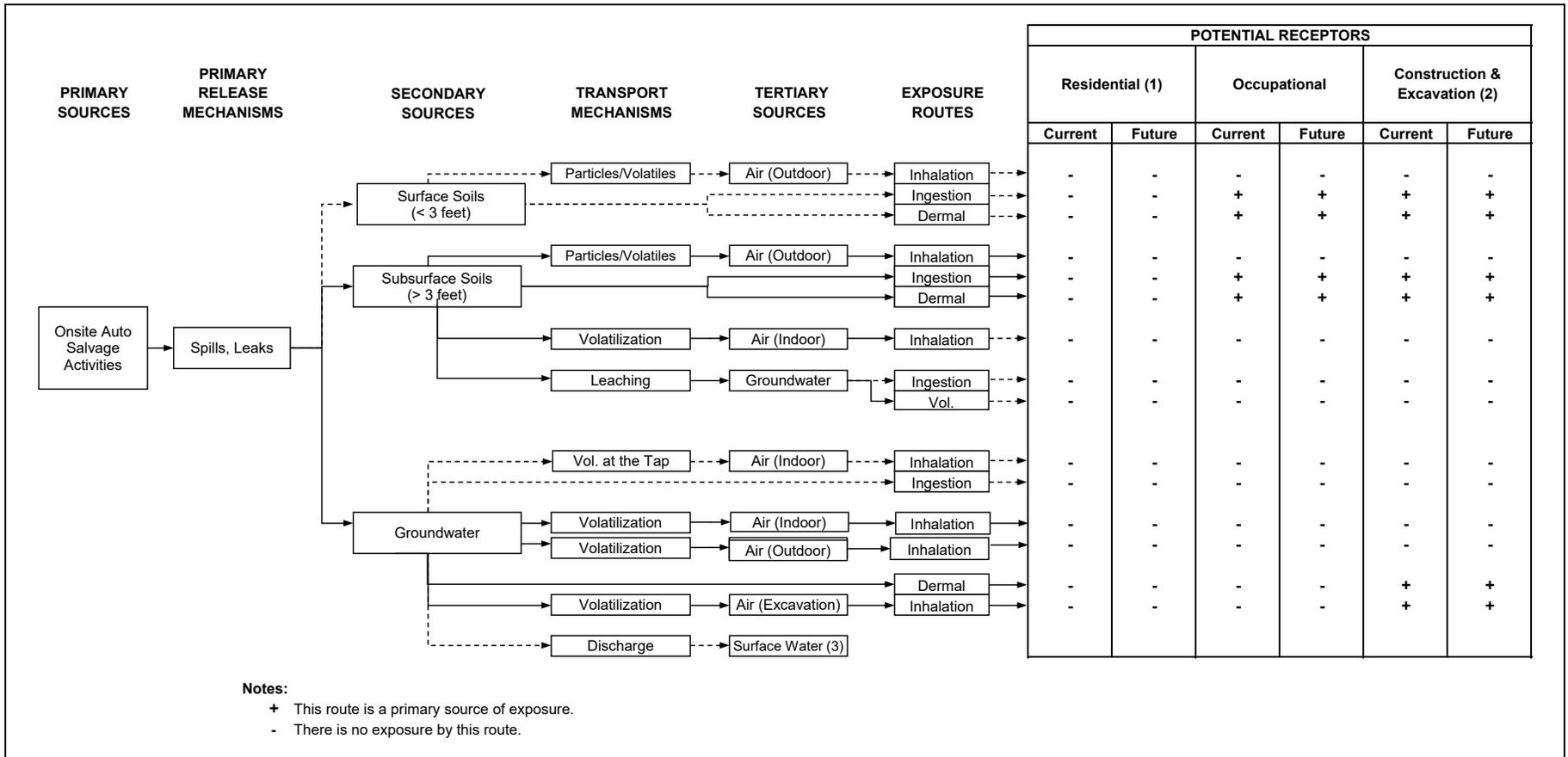


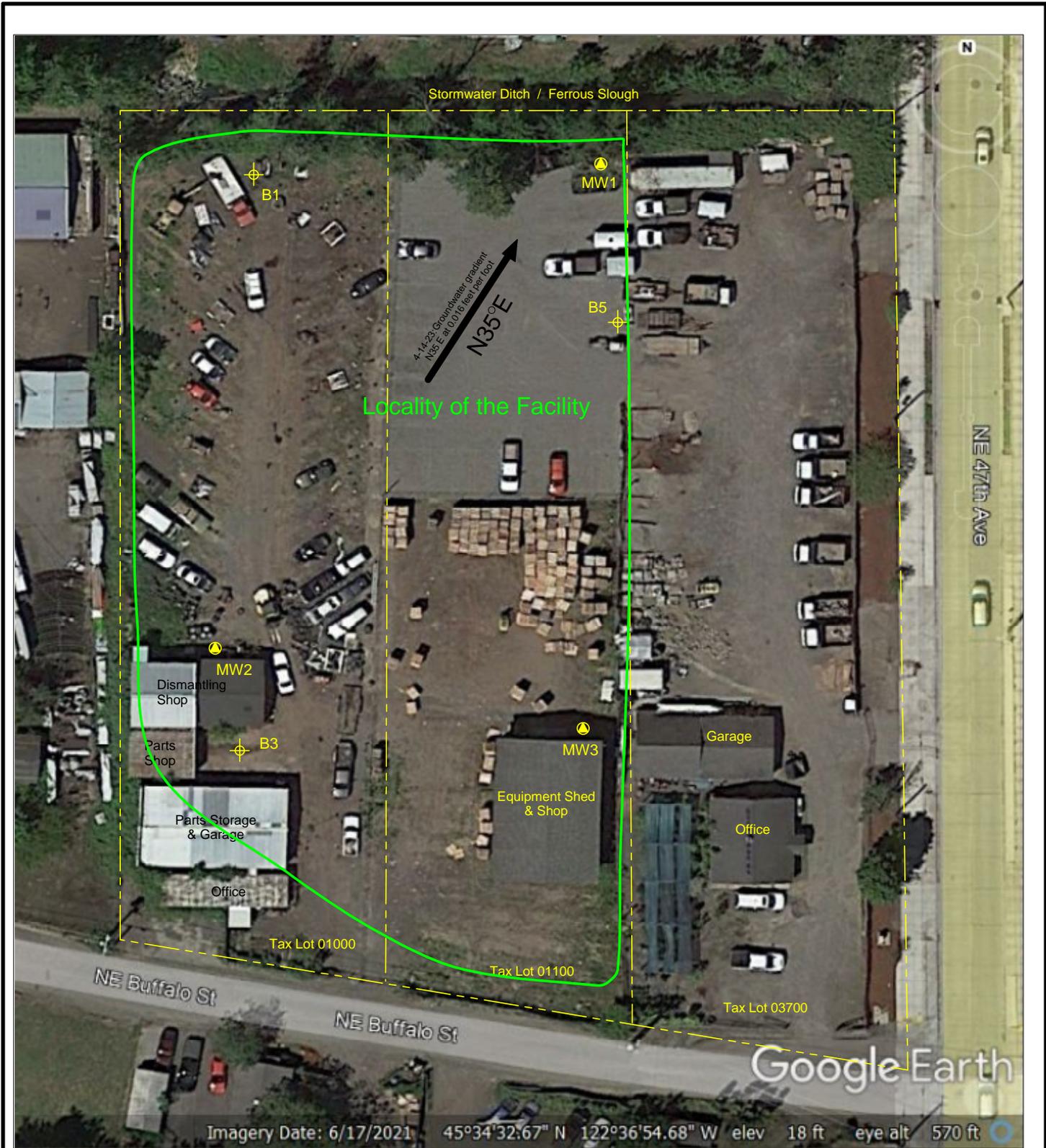
Map Not To Scale  
Approximate Scale: 1" = 30'



<p>Figure 6 Groundwater Contour Map Expanded Baseline Investigation Former Airport Auto Salvage Property 4623 NE Buffalo Street/Portland, OR 97219 DEQ ECSI Site ID #6484</p>	
<p>GRANT ASSOCIATES, Inc. Portland, Oregon 503-234-4299</p>	<p>Drawn By: CRG</p>
<p>Date: 4-14-23 Revised</p>	
<p>Project No. 2303-1877</p>	

Figure 7. Conceptual Site Model (Human Health)





**Legend**

- MW3 Groundwater Monitoring Well Locations
- ⊕ B3 Soil Boring and Groundwater Sample Locations
- Locality of Facility boundary

Base Map from Google Earth 2021



Figure 8: Former Airport Auto Salvage Facility  
 Locality of the Facility Map  
 4623 NE Buffalo Street/Portland, OR 97219  
 DEQ ECSI Site ID #6484

GRANT ASSOCIATES, Inc.  
 Portland, Oregon  
 503-234-4299

Drawn By: CRG

Date: 6-7-24

Project No. 2403-ICP

**APPENDIX A**

# GRANT ASSOCIATES, INC.

1017 SE 34th Ave. / Portland, OR 97214  
(503) 234-4299 CCB#142210

## Daily Report

Project No.

Date:

Title: Former Airport Auto Facility

Location:

4623 NE Buffalo St / Portland, OR

Report No.

Weather Conditions:

Project Manager:

Site Manager:

Owners Representative:

Equipment on Site:

Workers On Site:

Labor Classification:

Prof. Staff

Materials Ordered/Received/Used:

Work Performed:

Tests and Quality Control Checks Performed:

Communications:

Prepared by:

Reviewed by: (Project Manager)

Date:

Reviewed by: (Operations Manager)

Date: