



April 10, 2026

City & County of Honolulu
Department of Environmental Services – Refuse Division
91-2060 Franklin D. Roosevelt Avenue, Suite 204
Kapolei, Hawaii 96707

Attention: Douglas Williams, P.E. *via email: douglas.williams@honolulu.gov*

Subject: Baseline Soil Screening Report
Emergency Storm Debris Storage Site, Central Oahu Regional Park
Waipahu, Oahu, Hawaii

At the request of the City & County of Honolulu, Department of Environmental Services (ENV), EnviroServices & Training Center, LLC (ETC) performed baseline soil screening activities at the above-referenced site. The purpose of the soil screening activities was to obtain a representation of baseline chemical contaminant concentrations in surface soils at the temporary Emergency Storm Debris Storage site located at the Patsy T. Mink Central Oahu Regional Park (CORP, Figure 1). At the time of the request, a portion of the approximate 10-acre targeted site within CORP was already in use for temporary storage of storm debris. ENV recognized the need to establish a baseline condition prior to use of the site, therefore ETC was tasked with collecting representative surface soil samples from areas unaffected by the existing debris storage operations (hauling, stockpiling, sorting, etc.). ETC understands that follow up soil sampling will occur at the temporary Emergency Storm Debris Storage site once activities are completed, and data obtained during that soil sampling activity will be compared to baseline data.

ETC performed the services described herein based on guidance provided in the Hawaii Department of Health (DOH) Hazard Evaluation and Emergency Response (HEER) Office's *Interim Final Technical Guidance Manual for the Implementation of the Hawaii State Contingency Plan* (HEER TGM); and the DOH's *Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater* (EHE Document). The EHE Document includes environmental action levels (EALs) as guidance for environmental investigations in the State of Hawaii. In general, the presence of a chemical at concentrations below the corresponding DOH EAL is assumed to pose an insignificant risk to human health and the environment. Further investigation is typically not necessary for concentrations below this level. However, concentrations found above DOH EALs indicate that additional investigation and/or evaluation may be warranted.

1.0 FIELD ACTIVITIES

On March 25, 2026, ETC mobilized to the project site and collected three primary and two field replicate multi-increment (MI) soil samples (each consisting of 50 soil increments) from three decision units (DU) to represent the site conditions at the approximate 10-acre site prior to use for debris storage. The three DU locations were up to 1-acre in size and were spread across the park to obtain representative data in the different areas of the site planned for debris storage operations (Figure 2). The areas appeared generally consistent with the areas that were currently being used for debris storage operations. The decision units were marked out using a Trimble GeoExplorer GeoXT GPS (Trimble GPS) and a measuring wheel, with each DU not to exceed 1 acre. Soil increments were collected using pre-cleaned stainless-steel scoops and laboratory-provided Terra Core™ samplers. The five samples (2605.DU1.0-6, 2605.DU1.1.0-6, 2605.DU1.2.0-6, 2605.DU2.0-6, 2605.DU3.0-6) were collected from the top 6 inches of soil in the three separate DUs.



Per the HEER TGM, the target increment spacing was determined by calculating the square root of the DU area divided by the targeted number of increments, thereby establishing a representative distribution of increments across each DU. For DU2 and DU3, each consisting of approximately one acre (43,560-square feet), the calculated increment spacing was 29.516-feet, which was rounded to an approximate field spacing of 30-feet for practical implementation. For DU1, with an approximate area of 28,000-square feet, the calculated increment spacing was 23.664-feet, which was rounded to approximately 24-feet. Increment locations were then distributed across each DU based on a systematic, random pattern and each soil increment consisted of approximately 10-grams of soil for the non-volatile / semi-volatile analysis (placed in a 1-gallon Ziploc bag) and 5-grams of soil collected with the Terra Core™ sampler for the volatile analysis (250 mL methanol glass jar).

Two field replicate MI samples were collected from DU1 in the same manner as the primary sample, as if a total of two additional 50-increment soil samples were collected from DU1 resulting in a triplicate sample set. Specifically, the triplicate sample consisted of the primary sample location and two additional independent replicate increment locations positioned in an equilateral triangular pattern from the primary increment. Consistent with the HEER TGM, the side length of the triangle was set at approximately one-third of the calculated DU increment spacing. The replicate offset distance was approximately 8-feet based on the DU1 spacing of approximately 24-feet.

Soil increment locations were based on a systematic, random pattern and consisted of approximately 5- to 10-grams of soil. Prior to handling any soil, ETC personnel donned a new pair of disposable gloves (latex/vinyl/nitrile). Gloves were changed out prior to the collection of each MI sample. Soil increments for each MI sample were consolidated in a new 1-gallon Ziploc® bag (i.e., one bag per MI sample) for non- and semi-volatile analysis and an amber glass jar containing 250-mL of methanol (i.e. one jar per MI sample) for volatile analysis. Each bag was labeled with the project name, sample identification, and the date/time of sample collection. The samples were kept in a sample cooler with ice pending delivery to the contracted laboratory. The stainless-steel scoop was decontaminated prior to collecting each MI sample with a potable water-Alconox solution and a potable water rinse. Decontamination fluid was allowed to infiltrate back into the ground.

The five MI soil samples were hand-delivered to Advanced Analytical Laboratory (AAL) in Honolulu, Hawaii with completed chain-of-custody documentation for MI sample processing in accordance with the DOH HEER TGM. ETC directed AAL to analyze the five processed soil samples for total petroleum hydrocarbons (TPH) as gasoline (TPH-G), TPH as diesel (TPH-D), TPH as oil (TPH-O), polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), organochlorine pesticides, and total RCRA 8 metals on a standard 5- to 7-day turn-around time (TAT).

2.0 ANALYTICAL DATA

The final laboratory report was received via electronic mail on April 7, 2026. A summary of the results and the final laboratory report is attached. Analytical data indicate that all analytes were below the default (lowest) DOH EALs for unrestricted land use in areas where groundwater is a current or potential drinking water resource and where the nearest surface water body is less than 150-meters from the project site.



3.0 CONCLUSIONS

Analytical data from the baseline surface soil screening activities conducted within the unimpacted areas of the approximate 10-acre site indicate that all analyzed constituents in surface soil samples collected from three decision units at a depth of 0 to 6 inches were reported at concentrations below the lowest default DOH EALs.

The analytical data obtained provide a representative characterization of existing baseline conditions in surface soils within areas that were unaffected by storm debris storage operations at the time of the soil screening. As such, these results establish a baseline dataset that will serve as a point of comparison for future post-operational soil sampling activities to be conducted following completion of storm debris storage, hauling, sorting, and stockpiling activities at the project site.

4.0 CONDITIONS AND LIMITATIONS

EnviroServices & Training Center (ETC), LLC has completed soil screening activities at the project site. ETC's findings presented in this summary report are professional opinions based solely upon visual observations of the project site, government regulations, and upon interpretation of the laboratory data and field measurements gathered at the time and location of the study.

This report is intended for the sole use of ETC's Client, exclusively for the project site indicated. The scope of services performed in execution of this project may not be appropriate for satisfying the needs of other users, and any use or reuse of this report or the findings and conclusions presented herein is unauthorized, and at the sole risk of said user.

ETC makes no guarantee or warranty; either expressed or implied, except that our services are consistent with good commercial or customary practices designed to conform to acceptable industry standards and governmental regulations. No warranty or representation, expressed or implied, is included or intended in its proposal, contracts, or reports. Opinions stated in this report apply only to the project site as outlined and apply to the conditions present at the time of project activities. Moreover, these opinions do not apply to project site changes that occur after the services were performed.

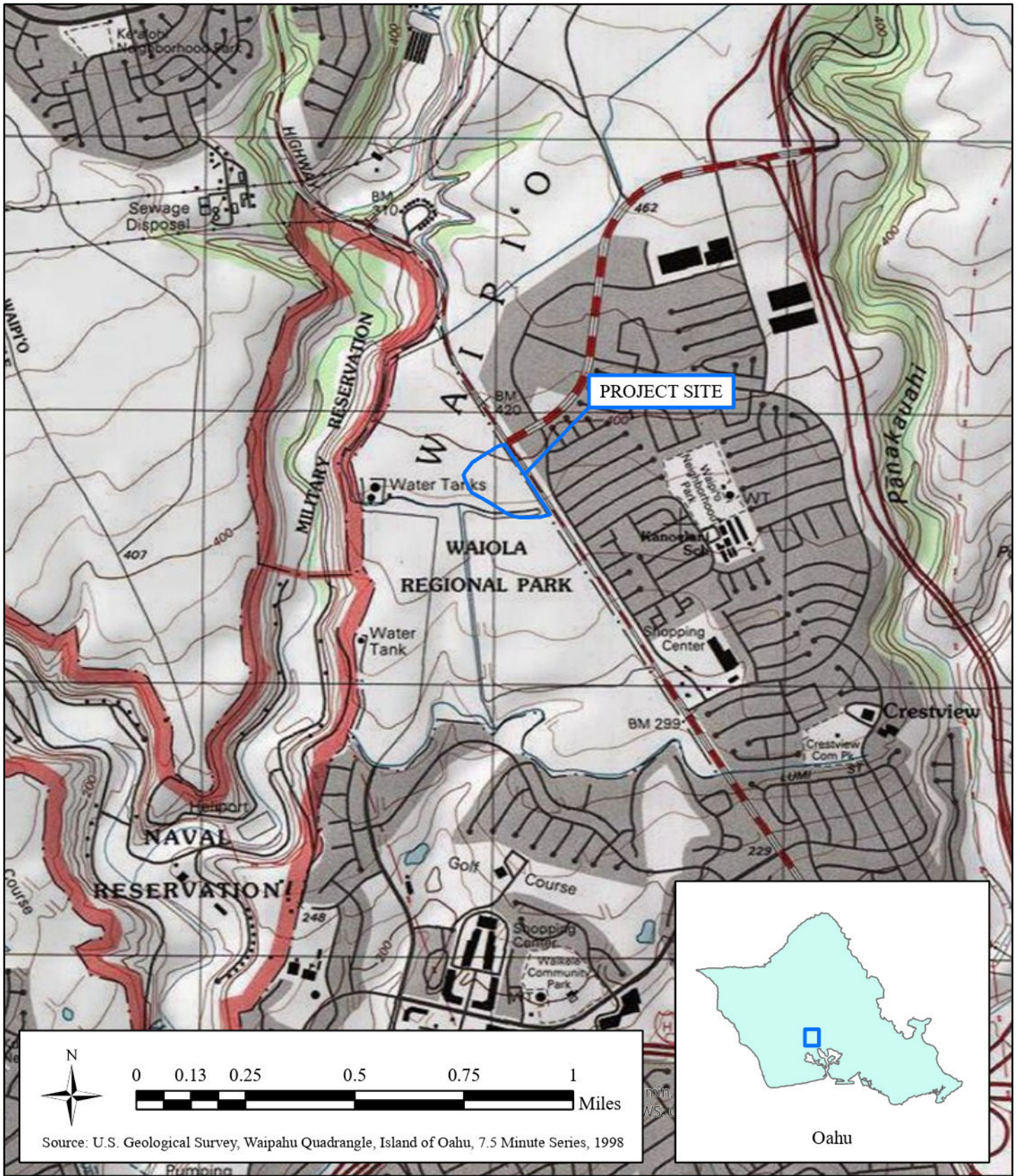
If you have any questions or desire further information, please feel free to contact me at 808-839-7222.

Respectfully,

ENVIROSERVICES & TRAINING CENTER, LLC

Damon Hamura
Principal

Attachments: Figure 1
Figure 2
Photographic Documentation
Data Tables
Laboratory Report



Project No. 26-2005

April 2026

Figure 1: Site Location Map
Baseline Soil Screening
Emergency Storm Debris Storage Site
Central Oahu Regional Park
Waipahu, Oahu, Hawaii



Project No. 26-2005

April 2026

Figure 2: Site Plan Map
 Baseline Soil Screening
 Emergency Storm Debris Storage Site
 Central Oahu Regional Park
 Waipahu, Oahu, Hawaii



Photograph 1: View of the project site entrance, entrance is used by personnel for operations of storm debris storage, hauling, sorting, and stockpiling.



Photograph 2: View of the storm debris storage, hauling, sorting, and stockpiling operations at the time of soil screening mobilization (March 25, 2026).



Photograph 3: View of a typical Decision Unit (DU) layout, specifically the photo is of DU2.

**Table 1: Soil Analytical Data - TPH Fuel Scan
Baseline Soil Screening - CORP (Sampled March 25, 2026)**

Analyte	2605.DU1. 0-6	2605.DU1. 1.0-6	2605.DU1. 2.0-6	2605.DU2. 0-6	2605.DU3. 0-6	Default (lowest) DOH EAL Unrestricted
TPH-G	<i>nd</i> <0.10	<i>nd</i> <0.11	<i>nd</i> <0.12	<i>nd</i> <0.13	<i>nd</i> <0.14	100
TPH-D	<i>nd</i> <20	<i>nd</i> <20	<i>nd</i> <20	<i>nd</i> <20	<i>nd</i> <20	180
TPH-O	<i>nd</i> <35	<i>nd</i> <35	<i>nd</i> <35	<i>nd</i> <35	<i>nd</i> <35	500

All results in milligrams per kilogram (mg/kg).

DOH EAL = Default (lowest) DOH EAL for unrestricted land use where groundwater is a current or potential drinking water source and where the nearest surface water body is less than 150-meters from the site.

Shaded values - reported detection limit (RDL) exceeds DOH EAL value

nd: non-detect

NS: No Standard

Table 2: Soil Analytical Data - VOCs
Baseline Soil Screening - CORP (Sampled March 25, 2026)

Analyte	2605.DU1. 0-6	2605.DU1. 1.0-6	2605.DU1. 2.0-6	2605.DU2. 0-6	2605.DU3. 0-6	DOH EAL Unrestricted
Chloromethane	nd<0.1	nd<0.1	nd<0.1	nd<0.1	nd<0.1	4
Vinyl Chloride	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.036
Bromomethane	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	0.22
Chloroethane	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	1.2
Trichlorofluoromethane	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	NS
1,1-Dichloroethene	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	NS
Methylene Chloride	nd<0.1	nd<0.1	nd<0.1	nd<0.1	nd<0.1	NS
Methyl Tert Butyl Ether	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.028
Trans-1, 2-Dichloro-ethylene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
1,1-Dichloroethane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
2,2-Dichloropropane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
Cis-1, 2-Dichloroethylene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	1.8
Methyl Ethyl Ketone	nd<0.5	nd<0.5	nd<0.5	nd<0.5	nd<0.5	9.3
Chloroform	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	0.026
1,1,1-Trichloroethane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	1.2
Carbon Tetrachloride	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.1
1,1-Dichloropropene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
Benzene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.3
1,2-Dichloroethane (EDC)	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.023
Trichloroethylene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.089
1,2-Dichloropropane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.14
Dibromomethane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
Bromodichloromethane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.0025
Toulene	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	0.78
1,1,2-Trichloroethane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.0089
Tetrachloroethylene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.098
1,3-Dichloropropane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
Dibromochloromethane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.0088
1,2-Dibromoethane (EDB)	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.00042
Chlorobenzene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	1.5
1,1,1,2-Tetrachloroethane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
Ethyl benzene	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	0.9
Xylenes	nd<0.15	nd<0.15	nd<0.15	nd<0.15	nd<0.15	1.4
Styrene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.91
Bromoform	nd<0.1	nd<0.1	nd<0.1	nd<0.1	nd<0.1	0.69
Isopropyl Benzene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
1,2,3-Trichloropropane	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.005
Bromobenzene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
1,1,2,2-Tetrachloroethane	nd<0.04	nd<0.04	nd<0.04	nd<0.04	nd<0.04	0.0014
n-Propylbenzene	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	NS
2-Chlorotoluene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
4-Chlorotoluene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
1,3,5-Trimethylbenzene	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	NS
tert-Butylbenzene	nd<0.05	nd<0.05	nd<0.05	nd<0.05	nd<0.05	NS
1,2,4-Trimethylbenzene	nd<0.1	nd<0.1	nd<0.1	nd<0.1	nd<0.1	NS
sec-Butylbenzene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	NS
1,3-Dichlorobenzene	nd<0.02	nd<0.02	nd<0.02	nd<0.02	nd<0.02	0.57

Table 2: Soil Analytical Data - VOCs
Baseline Soil Screening - CORP (Sampled March 25, 2026)

Analyte	2605.DU1. 0-6	2605.DU1. 1.0-6	2605.DU1. 2.0-6	2605.DU2. 0-6	2605.DU3. 0-6	DOH EAL Unrestricted
p-Isopropyltoluene	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	NS
1,4-Dichlorobenzene	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	0.055
1,2-Dichlorobenzene	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	<i>nd</i> <0.02	0.75
N-Butylbenzene	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	NS
1,2-Dibromo 3-Chloropropane	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	0.00081
1,2,4-Trichlorobenzene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	0.18
Hexachlorobutadiene	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	0.057
Naphthalene	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	3.1
1,2,3-Trichlorobenzene	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	<i>nd</i> <0.1	NS

All results in milligrams per kilogram (mg/kg).

DOH EAL = Default (lowest) DOH EAL for unrestricted land use where groundwater is a current or potential drinking water source and where the nearest surface water body is less than 150-meters from the site.

Shaded values - reported detection limit (RDL) exceeds DOH EAL value

nd: non-detect

NS: No Standard

Table 3: Soil Analytical Data - PAHs
Baseline Soil Screening - CORP (Sampled March 25, 2026)

Analyte	2605.DU1. 0-6	2605.DU1. 1.0-6	2605.DU1. 2.0-6	2605.DU2. 0-6	2605.DU3. 0-6	DOH EAL Unrestricted
Anthracene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	4.2
Acenaphthene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	120
Acenaphthylene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	5.5
Benzo(a)anthracene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	10
Benzo(a)pyrene	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	3.6
Benzo(b)fluoranthene	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	5.8
Benzo(g,h,i)perylene	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	35
Benzo(k)fluoranthene	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	35
Chrysene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	7.3
Dibenz(a,h)anthracene	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	1.1
Fluoranthene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	87
Fluorene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	93
Indeno(1,2,3-cd)pyrene	<i>nd</i> <0.095	<i>nd</i> <0.095	<i>nd</i> <0.095	<i>nd</i> <0.095	<i>nd</i> <0.095	5.7
Naphthalene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	3.1
Phenanthrene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	69
Pyrene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	44
1-Methylnaphthalene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	0.89
2-Methylnaphthalene	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	<i>nd</i> <0.05	1.9

All results in milligrams per kilogram (mg/kg).

DOH EAL = Default (lowest) DOH EAL for unrestricted land use where groundwater is a current or potential drinking water source and where the nearest surface water body is less than 150-meters from the site.

Shaded values - reported detection limit (RDL) exceeds DOH EAL value

nd: non-detect

NS: No Standard

Table 4: Soil Analytical Data - PCBs
Baseline Soil Screening - CORP (Sampled March 25, 2026)

Analyte	2605.DU1. 0-6	2605.DU1. 1.0-6	2605.DU1. 2.0-6	2605.DU2. 0-6	2605.DU3. 0-6	DOH EAL Unrestricted
Aroclor 1016	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	1.2
Aroclor 1221	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	
Aroclor 1232	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	
Aroclor 1242	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	
Aroclor 1248	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	
Aroclor 1254	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	
Aroclor 1260	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	<i>nd<0.10</i>	

All results in milligrams per kilogram (mg/kg).

DOH EAL = Default (lowest) DOH EAL for unrestricted land use where groundwater is a current or potential drinking water source and where the nearest surface water body is less than 150-meters from the site.

Shaded values - reported detection limit (RDL) exceeds DOH EAL value

nd: non-detect

NS: No Standard

Table 5: Soil Analytical Data - OCPs
Baseline Soil Screening - CORP (Sampled March 25, 2026)

Analyte	2605.DU1. 0-6	2605.DU1. 1.0-6	2605.DU1. 2.0-6	2605.DU2. 0-6	2605.DU3. 0-6	DOH EAL Unrestricted
α-BHC	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	NS
Lindane	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	0.029
β-BHC	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	NS
Heptachlor	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	1.3
δ-BHC	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	NS
Aldrin	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	3.9
Heptachlor Epoxide	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	0.2
γ-Chlordane	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	NS
α-Chlordane	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	NS
Endosulfan	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	13
DDE	0.012	0.015	0.016	<i>nd</i> <0.005	<i>nd</i> <0.005	1.9
Dieldrin	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	2.5
Endrin	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	<i>nd</i> <0.001	3.8
DDD	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	2.2
DDT	0.0083	0.038	0.0079	<i>nd</i> <0.005	<i>nd</i> <0.005	1.8
Endrin Aldehyde	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	NS
Methoxychlor	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	16
Endrin Ketone	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	<i>nd</i> <0.005	NS
Endosulfan Sulfate	<i>nd</i> <0.01	<i>nd</i> <0.01	<i>nd</i> <0.01	<i>nd</i> <0.01	<i>nd</i> <0.01	NS
Technical Chlordane	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	<i>nd</i> <0.10	17
Toxaphene	<i>nd</i> <0.20	<i>nd</i> <0.20	<i>nd</i> <0.20	<i>nd</i> <0.20	<i>nd</i> <0.20	0.48

All results in milligrams per kilogram (mg/kg).

DOH EAL = Default (lowest) DOH EAL for unrestricted land use where groundwater is a current or potential drinking water source and where the nearest surface water body is less than 150-meters from the site.

Shaded values - reported detection limit (RDL) exceeds DOH EAL value

nd: non-detect

NS: No Standard

**Table 6: Soil Analytical Data - Total RCRA8 Metals
Baseline Soil Screening - CORP (Sampled March 25, 2026)**

Analyte	2605.DU1. 0-6	2605.DU1. 1.0-6	2605.DU1. 2.0-6	2605.DU2. 0-6	2605.DU3. 0-6	DOH EAL Unrestricted
Arsenic	20	19	16	8.6	11	24
Barium	260	230	210	130	120	1,000
Cadmium	2.8	2.4	2.2	1.2	1.2	17
Chromium	240	240	210	300	360	1,100
Lead	32	24	24	17	21	200
Selenium	<i>nd<2.0</i>	<i>nd<2.0</i>	<i>nd<2.0</i>	<i>nd<2.0</i>	<i>nd<2.0</i>	78
Silver	<i>nd<1.0</i>	<i>nd<1.0</i>	<i>nd<1.0</i>	<i>nd<1.0</i>	<i>nd<1.0</i>	78
Mercury	<i>nd<0.5</i>	<i>nd<0.5</i>	<i>nd<0.5</i>	<i>nd<0.5</i>	<i>nd<0.5</i>	4.7

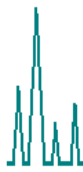
All results in milligrams per kilogram (mg/kg).

DOH EAL = Default (lowest) DOH EAL for unrestricted land use where groundwater is a current or potential drinking water source and where the nearest surface water body is less than 150-meters from the site.

Shaded values - reported detection limit (RDL) exceeds DOH EAL value

nd: non-detect

NS: No Standard



April 6, 2026

Enviro Services & Training Center
505 Ward Avenue, Suite 202
Honolulu, HI
96814

Dear Damon Hamura, Matt Tolley:

Please find enclosed the analytical report for:

Project Name:	ENV CORP Debris Yard Baseline Screening
AAL Project #:	BB156
Date Received:	03/25/2026
MIS Prep:	Yes

The results, applicable reporting limits, QA/QC data, invoice, and copy of COC are included. If Multi-incremental preparation was needed for this project, it was completed by Advanced Analytical Laboratory, Honolulu, HI.

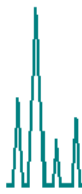
Advanced Analytical Laboratory appreciates the opportunity to provide analytical services for this project. If you have any questions regarding this project, please don't hesitate to contact AAL.

Thank you for your business and continuing support.

Sincerely,

Uwe Baumgartner, Ph.D
Owner

Elisa M. Young
Owner



AAL Project #BB156

EnviroServices & Training Center

Client Project #: 26-2005 Method 8015M
Client Project Name: ENV CORP Debris Yard Baseline Screeni Matrix: Soil

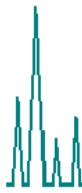
CLIENT SAMPLE ID	TPH-GASOLINE [mg/kg]	SURROGATE RECOVERY	FLAGS	DATE ANALYZED
Blank	nd	91%		3/31/2026
2605.DU1.0-6	nd	95%		3/31/2026
2605.DU1.1.0-6	nd	94%		3/31/2026
2605.DU1.2.0-6	nd	105%		3/31/2026
2605.DU2.0-6	nd	99%		3/31/2026
2605.DU3.0-6	nd	97%		3/31/2026
PQL	10.0	Acceptable Range		
MDL	0.10	70%-130%		

QA/QC DATA

	TPH-GASOLINE [mg/kg]	Acceptable Range
QC BATCH # 033126		
Lab Control Spike (LCS)	9.1	7.0-13.0
Matrix Spike (MS)	8.6	7.0-13.0
Matrix Spike Dup (MSD)	9.1	7.0-13.0
Recovery LCS	91%	70%-130%
Recovery MS	86%	70%-130%
Recovery MSD	91%	70%-130%
RPD of MS/MSD	5.5%	20%

Analyst: E. Young

Data review: U. Baumgartner, Ph.D.



AAL Project #BB156

EnviroServices & Training Center

Client Project #: 26-2005 Method 8015M
Client Project Name: ENV CORP Debris Yard Baseline Screening Matrix: Soil

CLIENT SAMPLE ID	TPH-DIESEL [mg/kg]	TPH-OIL [mg/kg]	SURROGATE RECOVERY	FLAGS	DATE ANALYZED
Blank	nd	nd	113%		3/30/2026
2605.DU1.0-6	nd	nd	103%		3/30/2026
2605.DU1.1.0-6	nd	nd	106%		3/30/2026
2605.DU1.2.0-6	nd	nd	105%		3/30/2026
2605.DU2.0-6	nd	nd	103%		3/30/2026
2605.DU3.0-6	nd	nd	101%		3/30/2026
PQL	50	100	Acceptable Range		
MDL	20	35	70%-130%		

QA/QC DATA

	TPH-DIESEL [mg/kg]	TPH-OIL [mg/kg]	
QC BATCH # 033026			Acceptable Range
Lab Control Spike (LCS)	528	461	350-650
Matrix Spike (MS)	525	477	350-650
Matrix Spike Dup (MSD)	522	476	350-650
Recovery LCS	106%	92%	70%-130%
Recovery MS	105%	95%	70%-130%
Recovery MSD	104%	95%	70%-130%
RPD of MS/MSD	0.6%	0.2%	20%

Analyst: U. Baumgartner, Ph.D.
Data review: E. Young

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Volatiles in Soil by EPA 8260D/5030B

Accu Lab Batch# AL040226-1

Client sample ID			2605.DU1	2605.DU1.1	2605.DU1.2	2605.DU2	
Lab ID	MRL	Unit	MTH BLK	LCS	.0-6	.0-6	.0-6
Matrix			Solid	Solid	Soil	Soil	Soil
Date Extracted			4/2/2026	4/2/2026	3/25/2026	3/25/2026	3/25/2026
Date Analyzed			4/2/2026	4/2/2026	4/2/2026	4/2/2026	4/2/2026
Moisture (%)					29%	30%	36%
Chloromethane	100	ug/kg	nd		nd	nd	nd
Vinyl chloride	20	ug/kg	nd	85%	nd	nd	nd
Bromomethane	50	ug/kg	nd		nd	nd	nd
Chloroethane	50	ug/kg	nd		nd	nd	nd
Trichlorofluoromethane	50	ug/kg	nd		nd	nd	nd
1,1-Dichloroethene	50	ug/kg	nd		nd	nd	nd
Methylene Chloride	100	ug/kg	nd		nd	nd	nd
Methyl T-Butyl Ether (MTBE)	20	ug/kg	nd	82%	nd	nd	nd
trans-1,2-Dichloroethene	20	ug/kg	nd		nd	nd	nd
1,1-Dichloroethane	20	ug/kg	nd	124%	nd	nd	nd
2,2-Dichloropropane	20	ug/kg	nd		nd	nd	nd
cis-1,2-Dichloroethene	20	ug/kg	nd		nd	nd	nd
Methyl Ethyl Ketone (MEK)	500	ug/kg	nd		nd	nd	nd
Chloroform	50	ug/kg	nd		nd	nd	nd
1,1,1-Trichloroethane	20	ug/kg	nd		nd	nd	nd
Carbon tetrachloride	20	ug/kg	nd		nd	nd	nd
1,1-Dichloropropene	20	ug/kg	nd		nd	nd	nd
Benzene	20	ug/kg	nd	104%	nd	nd	nd
1,2-Dichloroethane (EDC)	20	ug/kg	nd		nd	nd	nd
Trichloroethene	20	ug/kg	nd	99%	nd	nd	nd
1,2-Dichloropropane	20	ug/kg	nd		nd	nd	nd
Dibromomethane	20	ug/kg	nd		nd	nd	nd
Bromodichloromethane	20	ug/kg	nd		nd	nd	nd
Toluene	50	ug/kg	nd	94%	nd	nd	nd
1,1,2-Trichloroethane	20	ug/kg	nd		nd	nd	nd
Tetrachloroethene	20	ug/kg	nd	88%	nd	nd	nd
1,3-Dichloropropane	20	ug/kg	nd		nd	nd	nd
Dibromochloromethane	20	ug/kg	nd		nd	nd	nd

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Volatiles in Soil by EPA 8260D/5030B

Accu Lab Batch# AL040226-1

Client sample ID			2605.DU1	2605.DU1.1	2605.DU1.2	2605.DU2		
			.0-6	.0-6	.0-6	.0-6		
Lab ID	MRL	Unit	MTH BLK	LCS	26-AL0330-4-1	26-AL0330-4-2	26-AL0330-4-3	26-AL0330-4-4
Matrix			Solid	Solid	Soil	Soil	Soil	Soil
Date Extracted			4/2/2026	4/2/2026	3/25/2026	3/25/2026	3/25/2026	3/25/2026
Date Analyzed			4/2/2026	4/2/2026	4/2/2026	4/2/2026	4/2/2026	4/2/2026
Moisture (%)					29%	30%	36%	28%
1,2-Dibromoethane (EDB)	20	ug/kg	nd		nd	nd	nd	nd
Chlorobenzene	20	ug/kg	nd	100%	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	20	ug/kg	nd		nd	nd	nd	nd
Ethyl benzene	50	ug/kg	nd	80%	nd	nd	nd	nd
m,p-Xylenes	100	ug/kg	nd	87%	nd	nd	nd	nd
o-Xylene	50	ug/kg	nd	95%	nd	nd	nd	nd
Styrene	20	ug/kg	nd		nd	nd	nd	nd
Bromoform	100	ug/kg	nd		nd	nd	nd	nd
Isopropyl benzene	20	ug/kg	nd		nd	nd	nd	nd
1,2,3-Trichloropropane	20	ug/kg	nd		nd	nd	nd	nd
Bromobenzene	20	ug/kg	nd		nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	40	ug/kg	nd		nd	nd	nd	nd
n-Propylbenzene	50	ug/kg	nd		nd	nd	nd	nd
2-Chlorotoluene	20	ug/kg	nd		nd	nd	nd	nd
4-Chlorotoluene	20	ug/kg	nd		nd	nd	nd	nd
1,3,5-Trimethylbenzene	50	ug/kg	nd		nd	nd	nd	nd
tert-Butylbenzene	50	ug/kg	nd		nd	nd	nd	nd
1,2,4-Trimethylbenzene	100	ug/kg	nd		nd	nd	nd	nd
sec-Butylbenzene	20	ug/kg	nd		nd	nd	nd	nd
1,3-Dichlorobenzene	20	ug/kg	nd		nd	nd	nd	nd
p-Isopropyltoluene	20	ug/kg	nd		nd	nd	nd	nd
1,4-Dichlorobenzene	20	ug/kg	nd		nd	nd	nd	nd
1,2-Dichlorobenzene	20	ug/kg	nd		nd	nd	nd	nd
n-Butylbenzene	100	ug/kg	nd		nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	100	ug/kg	nd		nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	ug/kg	nd		nd	nd	nd	nd
Hexachlorobutadiene	100	ug/kg	nd		nd	nd	nd	nd
Naphthalene	100	ug/kg	nd	116%	nd	nd	nd	nd
1,2,3-Trichlorobenzene	100	ug/kg	nd		nd	nd	nd	nd

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Volatiles in Soil by EPA 8260D/5030B

Accu Lab Batch# AL040226-1

Client sample ID			2605.DU1	2605.DU1.1	2605.DU1.2	2605.DU2		
			.0-6	.0-6	.0-6	.0-6		
Lab ID	MRL	Unit	MTH BLK	LCS	26-AL0330-4-1	26-AL0330-4-2	26-AL0330-4-3	26-AL0330-4-4
Matrix			Solid	Solid	Soil	Soil	Soil	Soil
Date Extracted			4/2/2026	4/2/2026	3/25/2026	3/25/2026	3/25/2026	3/25/2026
Date Analyzed			4/2/2026	4/2/2026	4/2/2026	4/2/2026	4/2/2026	4/2/2026
Moisture (%)					29%	30%	36%	28%

Surrogate Recoveries

Dibromofluoromethane	101%	109%	108%	104%	107%	106%
1,2-Dichloroethane-d4	90%	92%	91%	91%	96%	95%
Toluene-d8	101%	90%	91%	104%	92%	104%
4-Bromofluorobenzene	95%	89%	94%	104%	84%	91%

Acceptable Recovery Limits:

Surrogates/LCS 70-130%

MS/MSD 65-135%

Acceptable RPD limit: 30%

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Volatiles in Soil by EPA 8260D/5030B

Accu Lab Batch# AL040226-1

Client sample ID	2605.DU3 .0-6		MS	MSD	RPD	
Lab ID	MRL	Unit	26-AL0330-4-5	26-AL0330-4-1	26-AL0330-4-1	26-AL0330-4-1
Matrix			Soil	Soil	Soil	Soil
Date Extracted			3/25/2026	3/25/2026	3/25/2026	3/25/2026
Date Analyzed			4/2/2026	4/2/2026	4/2/2026	4/2/2026
Moisture (%)			46%	29%	29%	29%
Chloromethane	100	ug/kg	nd			
Vinyl chloride	20	ug/kg	nd	73%	76%	4%
Bromomethane	50	ug/kg	nd			
Chloroethane	50	ug/kg	nd			
Trichlorofluoromethane	50	ug/kg	nd			
1,1-Dichloroethene	50	ug/kg	nd			
Methylene Chloride	100	ug/kg	nd			
Methyl T-Butyl Ether (MTBE)	20	ug/kg	nd	70%	78%	11%
trans-1,2-Dichloroethene	20	ug/kg	nd			
1,1-Dichloroethane	20	ug/kg	nd	116%	114%	1%
2,2-Dichloropropane	20	ug/kg	nd			
cis-1,2-Dichloroethene	20	ug/kg	nd			
Methyl Ethyl Ketone (MEK)	500	ug/kg	nd			
Chloroform	50	ug/kg	nd			
1,1,1-Trichloroethane	20	ug/kg	nd			
Carbon tetrachloride	20	ug/kg	nd			
1,1-Dichloropropene	20	ug/kg	nd			
Benzene	20	ug/kg	nd	102%	99%	4%
1,2-Dichloroethane (EDC)	20	ug/kg	nd			
Trichloroethene	20	ug/kg	nd	90%	84%	6%
1,2-Dichloropropane	20	ug/kg	nd			
Dibromomethane	20	ug/kg	nd			
Bromodichloromethane	20	ug/kg	nd			
Toluene	50	ug/kg	nd	92%	87%	5%
1,1,2-Trichloroethane	20	ug/kg	nd			
Tetrachloroethene	20	ug/kg	nd	90%	90%	0.3%
1,3-Dichloropropane	20	ug/kg	nd			
Dibromochloromethane	20	ug/kg	nd			

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Volatiles in Soil by EPA 8260D/5030B

Accu Lab Batch# AL040226-1

Client sample ID	2605.DU3 .0-6		MS	MSD	RPD	
Lab ID	MRL	Unit	26-AL0330-4-5	26-AL0330-4-1	26-AL0330-4-1	26-AL0330-4-1
Matrix			Soil	Soil	Soil	Soil
Date Extracted			3/25/2026	3/25/2026	3/25/2026	3/25/2026
Date Analyzed			4/2/2026	4/2/2026	4/2/2026	4/2/2026
Moisture (%)			46%	29%	29%	29%
1,2-Dibromoethane (EDB)	20	ug/kg	nd			
Chlorobenzene	20	ug/kg	nd	95%	96%	1%
1,1,1,2-Tetrachloroethane	20	ug/kg	nd			
Ethyl benzene	50	ug/kg	nd	83%	82%	0.5%
m,p-Xylenes	100	ug/kg	nd	87%	84%	4%
o-Xylene	50	ug/kg	nd	95%	92%	3%
Styrene	20	ug/kg	nd			
Bromoform	100	ug/kg	nd			
Isopropyl benzene	20	ug/kg	nd			
1,2,3-Trichloropropane	20	ug/kg	nd			
Bromobenzene	20	ug/kg	nd			
1,1,2,2-Tetrachloroethane	40	ug/kg	nd			
n-Propylbenzene	50	ug/kg	nd			
2-Chlorotoluene	20	ug/kg	nd			
4-Chlorotoluene	20	ug/kg	nd			
1,3,5-Trimethylbenzene	50	ug/kg	nd			
tert-Butylbenzene	50	ug/kg	nd			
1,2,4-Trimethylbenzene	100	ug/kg	nd			
sec-Butylbenzene	20	ug/kg	nd			
1,3-Dichlorobenzene	20	ug/kg	nd			
p-Isopropyltoluene	20	ug/kg	nd			
1,4-Dichlorobenzene	20	ug/kg	nd			
1,2-Dichlorobenzene	20	ug/kg	nd			
n-Butylbenzene	100	ug/kg	nd			
1,2-Dibromo-3-Chloropropane	100	ug/kg	nd			
1,2,4-Trichlorobenzene	50	ug/kg	nd			
Hexachlorobutadiene	100	ug/kg	nd			
Naphthalene	100	ug/kg	nd	136% ^R	130%	30%
1,2,3-Trichlorobenzene	100	ug/kg	nd			

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Volatiles in Soil by EPA 8260D/5030B

Accu Lab Batch# AL040226-1

Client sample ID	2605.DU3 .0-6		MS	MSD	RPD	
Lab ID	MRL	Unit	26-AL0330-4-5	26-AL0330-4-1	26-AL0330-4-1	26-AL0330-4-1
Matrix			Soil	Soil	Soil	Soil
Date Extracted			3/25/2026	3/25/2026	3/25/2026	3/25/2026
Date Analyzed			4/2/2026	4/2/2026	4/2/2026	4/2/2026
Moisture (%)			46%	29%	29%	29%

Surrogate Recoveries

Dibromofluoromethane	100%	105%	108%
1,2-Dichloroethane-d4	90%	90%	88%
Toluene-d8	107%	92%	95%
4-Bromofluorobenzene	85%	84%	85%

Acceptable Recovery Limits:

Surrogates/LCS	70-130%
MS/MSD	65-135%
Acceptable RPD limit:	30%

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

PAHs in Soil by EPA 8270E SIM/3550C

Accu Lab Batch# AL033126-2

Client sample ID			2605.DU1 .0-6	2605.DU1.1 .0-6	2605.DU1.2 .0-6	2605.DU2 .0-6		
Lab ID	MRL	Unit	MTH BLK	LCS	26-AL0330-4-1	26-AL0330-4-2	26-AL0330-4-3	26-AL0330-4-4
Matrix			Solid	Solid	Soil	Soil	Soil	Soil
Date Extracted			3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026
Date Analyzed			3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026
Moisture (%)					29%	30%	36%	28%

Naphthalene	0.05	mg/kg	nd	78%	nd	nd	nd	nd
2-Methylnaphthalene	0.05	mg/kg	nd		nd	nd	nd	nd
1-Methylnaphthalene	0.05	mg/kg	nd		nd	nd	nd	nd
Acenaphthylene	0.05	mg/kg	nd		nd	nd	nd	nd
Acenaphthene	0.05	mg/kg	nd	102%	nd	nd	nd	nd
Fluorene	0.05	mg/kg	nd		nd	nd	nd	nd
Phenanthrene	0.05	mg/kg	nd		nd	nd	nd	nd
Anthracene	0.05	mg/kg	nd		nd	nd	nd	nd
Fluoranthene	0.05	mg/kg	nd	96%	nd	nd	nd	nd
Pyrene	0.05	mg/kg	nd	90%	nd	nd	nd	nd
Benzo(a)anthracene	0.05	mg/kg	nd		nd	nd	nd	nd
Chrysene	0.05	mg/kg	nd		nd	nd	nd	nd
Benzo(b)fluoranthene	0.10	mg/kg	nd		nd	nd	nd	nd
Benzo(k)fluoranthene	0.10	mg/kg	nd		nd	nd	nd	nd
Benzo(a)pyrene	0.10	mg/kg	nd	109%	nd	nd	nd	nd
Indeno(1,2,3-cd)pyrene	0.095	mg/Kg	nd		nd	nd	nd	nd
Dibenzo(a,h)anthracene	0.10	mg/Kg	nd		nd	nd	nd	nd
Benzo(ghi)perylene	0.10	mg/Kg	nd		nd	nd	nd	nd

Surrogate Recoveries

2-Fluorobiphenyl	98%	64%	121%	101%	80%	102%
Terphenyl-d14	97%	76%	90%	78%	87%	87%

Acceptable Recovery Limits:

Surrogates/LCS	50-150%
MS/MSD	45-150%
Acceptable RPD Limit:	30%



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Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

PAHs in Soil by EPA 8270E SIM/3550C

Accu Lab Batch# AL033126-2

Client sample ID	2605.DU3 .0-6		MS	MSD	RPD	
Lab ID	MRL	Unit	26-AL0330-4-5	26-AL0330-4-4	26-AL0330-4-4	26-AL0330-4-4
Matrix			Soil	Soil	Soil	Soil
Date Extracted			3/31/2026	3/31/2026	3/31/2026	3/31/2026
Date Analyzed			3/31/2026	3/31/2026	3/31/2026	3/31/2026
Moisture (%)			46%	28%	28%	28%

Naphthalene	0.05	mg/kg	nd	83%	85%	2%
2-Methylnaphthalene	0.05	mg/kg	nd			
1-Methylnaphthalene	0.05	mg/kg	nd			
Acenaphthylene	0.05	mg/kg	nd			
Acenaphthene	0.05	mg/kg	nd	103%	78%	28%
Fluorene	0.05	mg/kg	nd			
Phenanthrene	0.05	mg/kg	nd			
Anthracene	0.05	mg/kg	nd			
Fluoranthene	0.05	mg/kg	nd	100%	86%	30%
Pyrene	0.05	mg/kg	nd	88%	86%	3%
Benzo(a)anthracene	0.05	mg/kg	nd			
Chrysene	0.05	mg/kg	nd			
Benzo(b)fluoranthene	0.10	mg/kg	nd			
Benzo(k)fluoranthene	0.10	mg/kg	nd			
Benzo(a)pyrene	0.10	mg/kg	nd	150%	136%	10%
Indeno(1,2,3-cd)pyrene	0.095	mg/Kg	nd			
Dibenzo(a,h)anthracene	0.10	mg/Kg	nd			
Benzo(ghi)perylene	0.10	mg/Kg	nd			

Surrogate Recoveries

2-Fluorobiphenyl	90%	71%	64%
Terphenyl-d14	87%	103%	75%

Acceptable Recovery Limits:

Surrogates/LCS	50-150%
MS/MSD	45-150%
Acceptable RPD Limit:	30%

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Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Polychlorinated Biphenyls in Soil by EPA 8082A/3550C

Accu Lab Batch# AL033126-3

Client sample ID			2605.DU1	2605.DU1.1	2605.DU1.2	2605.DU2	
Lab ID	MRL	Unit	MTH BLK	LCS	.0-6	.0-6	.0-6
Matrix			Solid	Solid	Soil	Soil	Soil
Date Extracted			3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026
Date Analyzed			3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026

A1016	0.10	mg/kg	nd		nd	nd	nd	nd
A1221	0.10	mg/kg	nd		nd	nd	nd	nd
A1232	0.10	mg/kg	nd		nd	nd	nd	nd
A1242	0.10	mg/kg	nd		nd	nd	nd	nd
A1248	0.10	mg/kg	nd		nd	nd	nd	nd
A1254	0.10	mg/kg	nd		nd	nd	nd	nd
A1260	0.10	mg/kg	nd	106%	nd	nd	nd	nd

Surrogate Recoveries

Tetrachloro-m-xylene		109%	89%	89%	118%	119%	122%
Decachlorobiphenyl		93%	139%	107%	120%	108%	114%

Acceptable Recovery Limits:

Surrogates/LCS	60-150%
MS/MSD	50-150%
Acceptable RPD limit:	30%

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Polychlorinated Biphenyls in Soil by EPA 8082A/3550C

Accu Lab Batch# AL033126-3

Client sample ID	2605.DU3 .0-6	MS	MSD	RPD
Lab ID	26-AL0330-4-5	26-AL0330-1-3	26-AL0330-1-3	26-AL0330-1-3
Matrix	Soil	Soil	Soil	Soil
Date Extracted	3/31/2026	3/31/2026	3/31/2026	3/31/2026
Date Analyzed	3/31/2026	3/31/2026	3/31/2026	3/31/2026

A1016	0.10 mg/kg	nd		
A1221	0.10 mg/kg	nd		
A1232	0.10 mg/kg	nd		
A1242	0.10 mg/kg	nd		
A1248	0.10 mg/kg	nd		
A1254	0.10 mg/kg	nd		
A1260	0.10 mg/kg	nd	108%	108% 0.5%

Surrogate Recoveries

Tetrachloro-m-xylene	124%	121%	122%
Decachlorobiphenyl	128%	120%	121%

Acceptable Recovery Limits:

Surrogates/LCS	60-150%
MS/MSD	50-150%
Acceptable RPD limit:	30%

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Organochlorine Pesticides in Soil by EPA 8081B/3550C

Accu Lab Batch# AL033126-3

Client sample ID			2605.DU1	2605.DU1.1	2605.DU1.2	2605.DU2		
	MRL	Unit	.0-6	.0-6	.0-6	.0-6		
Lab ID	MRL	Unit	MTH BLK	LCS	26-AL0330-4-1	26-AL0330-4-2	26-AL0330-4-3	26-AL0330-4-4
Matrix			Solid	Solid	Soil	Soil	Soil	Soil
Date Extracted			3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026
Date Analyzed			3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026
α-BHC	1.0	ug/kg	nd		nd	nd	nd	nd
γ-BHC (Lindane)	1.0	ug/kg	nd	93%	nd	nd	nd	nd
β-BHC	1.0	ug/kg	nd		nd	nd	nd	nd
Heptachlor	1.0	ug/kg	nd	89%	nd	nd	nd	nd
δ-BHC	1.0	ug/kg	nd		nd	nd	nd	nd
Aldrin	1.0	ug/kg	nd	97%	nd	nd	nd	nd
Heptachlor Epoxide	1.0	ug/kg	nd		nd	nd	nd	nd
γ-Chlordane	5.0	ug/kg	nd		nd	nd	nd	nd
α-Chlordane	5.0	ug/kg	nd		nd	nd	nd	nd
Endosulfan I	1.0	ug/kg	nd		nd	nd	nd	nd
4,4'-DDE	5.0	ug/kg	nd		12	15	16	nd
Dieldrin	1.0	ug/kg	nd	98%	nd	nd	nd	nd
Endrin	1.0	ug/kg	nd	122%	nd	nd	nd	nd
4,4'-DDD	5.0	ug/kg	nd		nd	nd	nd	nd
Endosulfan II	5.0	ug/kg	nd		nd	nd	nd	nd
4,4'-DDT	5.0	ug/kg	nd	103%	8.3	38	7.9	nd
Endrin Aldehyde	5.0	ug/kg	nd		nd	nd	nd	nd
Methoxychlor	5.0	ug/kg	nd		nd	nd	nd	nd
Endrin Ketone	5.0	ug/kg	nd		nd	nd	nd	nd
Endosulfan Sulfate	10	ug/kg	nd		nd	nd	nd	nd
Technical Chlordane	0.10	mg/kg	nd		nd	nd	nd	nd
Toxaphene	0.20	mg/kg	nd		nd	nd	nd	nd

Surrogate Recoveries

Tetrachloro-m-xylene	109%	98%	89%	118%	120%	123%
Decachlorobiphenyl	118%	107%	91%	91%	92%	95%

Acceptable Recovery Limits:

Surrogates 50-150%

LCS/MS/MSD 50-150%

Acceptable RPD limit: 30%

Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Organochlorine Pesticides in Soil by EPA 8081B/3550C

Accu Lab Batch# AL033126-3

Client sample ID	2605.DU3		MS	MSD	RPD	
	MRL	Unit	.0-6			
Lab ID			26-AL0330-4-5	26-AL0330-1-3	26-AL0330-1-3	26-AL0330-1-3
Matrix			Soil	Soil	Soil	Soil
Date Extracted			3/31/2026	3/31/2026	3/31/2026	3/31/2026
Date Analyzed			3/31/2026	3/31/2026	3/31/2026	3/31/2026

α-BHC	1.0	ug/kg	nd			
γ-BHC (Lindane)	1.0	ug/kg	nd	77%	74%	4%
β-BHC	1.0	ug/kg	nd			
Heptachlor	1.0	ug/kg	nd	80%	78%	2%
δ-BHC	1.0	ug/kg	nd			
Aldrin	1.0	ug/kg	nd	79%	71%	11%
Heptachlor Epoxide	1.0	ug/kg	nd			
γ-Chlordane	5.0	ug/kg	nd			
α-Chlordane	5.0	ug/kg	nd			
Endosulfan I	1.0	ug/kg	nd			
4,4'-DDE	5.0	ug/kg	nd			
Dieldrin	1.0	ug/kg	nd	88%	86%	3%
Endrin	1.0	ug/kg	nd	109%	110%	1%
4,4'-DDD	5.0	ug/kg	nd			
Endosulfan II	5.0	ug/kg	nd			
4,4'-DDT	5.0	ug/kg	nd	82%	83%	2%
Endrin Aldehyde	5.0	ug/kg	nd			
Methoxychlor	5.0	ug/kg	nd			
Endrin Ketone	5.0	ug/kg	nd			
Endosulfan Sulfate	10	ug/kg	nd			
Technical Chlordane	0.10	mg/kg	nd			
Toxaphene	0.20	mg/kg	nd			

Surrogate Recoveries

Tetrachloro-m-xylene	124%	123%	125%
Decachlorobiphenyl	108%	126%	126%

Acceptable Recovery Limits:

Surrogates	50-150%
LCS/MS/MSD	50-150%
Acceptable RPD limit:	30%



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Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Metals in Soil by EPA 6020B/EPA3050B

Accu Lab Batch# AL033126-11

Client sample ID			2605.DU1	2605.DU1.1	2605.DU1.2	2605.DU2		
Lab ID	MRL	Unit	MTH BLK	LCS	.0-6	.0-6	.0-6	.0-6
Matrix			Solid	Solid	Soil	Soil	Soil	Soil
Date Digested			3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026
Date Analyzed			3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026	3/31/2026
Arsenic (As)	2.0	mg/kg	nd	98%	20	19	16	8.6
Barium (Ba)	5.0	mg/kg	nd	101%	260	230	210	130
Cadmium (Cd)	1.0	mg/kg	nd	101%	2.8	2.4	2.2	1.2
Chromium (Cr)	2.0	mg/kg	nd	90%	240	240	210	300
Lead (Pb)	1.0	mg/kg	nd	93%	32	24	24	17
Selenium (Se)	2.0	mg/kg	nd	112%	nd	nd	nd	nd
Silver (Ag)	1.0	mg/kg	nd	92%	nd	nd	nd	nd
Mercury (Hg)	0.50	mg/kg	nd	109%	nd	nd	nd	nd

Acceptable Recovery Limits:

LCS	80-120%
MS/MSD	75-125%
Acceptable RPD limit:	20%



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Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Metals in Soil by EPA 6020B/EPA3050B

Accu Lab Batch# AL033126-11

Client sample ID	2605.DU3 .0-6		MS	MSD	RPD	
Lab ID	MRL	Unit	26-AL0330-4-5	26-AL0327-4-1	26-AL0327-4-1	26-AL0327-4-1
Matrix			Soil	Soil	Soil	Soil
Date Digested			3/31/2026	3/31/2026	3/31/2026	3/31/2026
Date Analyzed			3/31/2026	3/31/2026	3/31/2026	3/31/2026
Arsenic (As)	2.0	mg/kg	11	95%	103%	8%
Barium (Ba)	5.0	mg/kg	120	M	M	
Cadmium (Cd)	1.0	mg/kg	1.2	101%	108%	7%
Chromium (Cr)	2.0	mg/kg	360	82%	76%	9%
Lead (Pb)	1.0	mg/kg	21	92%	99%	8%
Selenium (Se)	2.0	mg/kg	nd	87%	93%	7%
Silver (Ag)	1.0	mg/kg	nd	101%	111%	10%
Mercury (Hg)	0.50	mg/kg	nd	94%	102%	8%

Acceptable Recovery Limits:

LCS	80-120%
MS/MSD	75-125%
Acceptable RPD limit:	20%



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Analytical Report

Client	Advanced Analytical Laboratory 544 Ohohia Street #10 Honolulu, HI, 96819	Acculab WO#	26-AL0330-4
Project Manager	Uwe Baumgartner/ Elisa Young	Date Sampled	3/25/2026
Project Name	ENV CORP Debris Yard Baseline Screening	Date Received	3/30/2026
Client Project#	26-2005	Date Reported	4/7/2026
Project#	BB156		

Data Qualifiers and Comments:

Results reported on dry-weight basis for soil samples.

MRL- Method Reporting Limit

nd- Indicates the analyte is not detected at the listing reporting limit.

C- Coelution with other compounds.

M- % Recovery of surrogate, MS/MSD is out of the acceptable limit due to matrix effect.

B- Indicates the analyte is detected in the method blank associated with the sample.

J- The analyte is detected at below the reporting limit.

E- The result reported exceeds the calibration range, and is an estimate.

D- Sample required dilution due to matrix. Method Reporting Limits were elevated due to dilutions.

H- Sample was received or analyzed past holding time

Q- Sample was received with head space, improper preserved or above recommended temperature.

I- Due to insufficient sample, LCS/LCS DUP were analyzed in place of MS/MSD.

R- The recovery of this analyte in QC sample failed high, but the analyte was not detected in all related samples. No action was taken.

R-1- The RPD value for the MS/MSD was outside of QC acceptance limits however both recoveries were acceptable. All related samples were "nd". No action was taken.

R-2- The recovery of the surrogate in sample failed high, but all related analytes were not detected in the sample. No action was taken.

