



April 1, 2022

Mr. Bob Laszcik
Terrible Herbst, Inc.
5195 Las Vegas Boulevard South
Las Vegas, Nevada 89119

Subject: *Limited Phase II Environmental Site Assessment*
Hilltop Mart
63851 Halloran Summit Road
Nipton, California 92364
Westmark Project No. 21-2640-02

Dear Mr. Laszcik:

The Westmark Group (Westmark) is pleased to provide Terrible Herbst, Inc. this *Limited Phase II Environmental Site Assessment* for the site located at 63851 Halloran Summit Road in Nipton, California (Property), which is referred to as Hilltop Mart.

Westmark appreciates being of service to you on this project. If you have any questions or require additional information, please contact us at (702) 839-2960.

Respectfully submitted,
The Westmark Group

Kelly Paige Arrup
Senior Staff Environmental Scientist

**LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT**

**HILLTOP MART
63851 HALLORAN SUMMIT ROAD
NIPTON, CALIFORNIA 92364
SAN BERNARDINO COUNTY APN: 057006126**

**FOR:
TERRIBLE HERBST, INC.
5195 LAS VEGAS BOULEVARD SOUTH
LAS VEGAS, NEVADA 89119**

**PROJECT NO. 21-2640-02
APRIL 1, 2022**



**7145 SOUTH BUFFALO DRIVE, SUITE C105
LAS VEGAS, NEVADA 89113**

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INTRODUCTION

On behalf of Terrible Herbst, Inc. (Client), The Westmark Group (Westmark) has prepared this *Limited Phase II Environmental Site Assessment (ESA)* for the Hilltop Mart located at 63851 Halloran Summit Road in Nipton, California (Property). The respective San Bernardino County Assessor's parcel number for the subject Property is 057006126. The Client authorized Westmark to conduct this Limited Phase II ESA in order to assess potential impacts to the Property as a result of the prior operation as a gasoline/diesel service station. The potential for impacts to the subsurface media were discussed in a Phase I ESA performed by Westmark in February 2022.

The Phase I ESA was performed at the request of the Client as part of the process of obtaining financing for a real estate transaction for the Property. Therefore, the scope-of-work designed for this Phase II ESA focused on areas of the Property identified in the Phase I ESA. This includes areas near the observed underground storage tank (UST) systems where impacts would likely occur in the event of a UST system release. Findings from research of historical and current site conditions and results from field activities are presented in the following sections.

BACKGROUND

Based on findings of the aforementioned Phase I ESA, one Recognized Environmental Condition (REC) was identified in connection with the Property. The REC identified in the Phase I ESA consisted of the presence of the three abandoned UST systems at the Property. These three UST systems were constructed in September of 1994. These tanks reportedly have capacities of 10,000-gallons each, are double-walled, and contained unspecified petroleum products. During site visits to the Property, Westmark observed a sign for Hilltop Mart indicating that the station provided, and therefore stored, both gasoline and diesel. Records obtained from the San Bernardino County Fire Department Hazardous Waste Division reveal that the UST systems were improperly abandoned and are therefore out of compliance.

SOIL BORING ADVANCEMENT

Soil Boring Locations

Six soil borings were advanced in the vicinity of the UST systems and dispenser islands observed on the Property. Drawing 1 depicts the locations of the six soil borings. Each of the soil borings were drilled to 45 feet below ground surface (bgs). These borings were advanced to such a depth in an attempt to capture vertically migrating fuel that may have been released from the USTs. It is Westmark's experience that the bottom of buried underground storage tanks can typically range from 13 to 15 feet bgs. Further, piping associated with the conveyance of the fuel product from the USTs to the dispensers is typically buried three to five feet bgs. Given that the soil borings were advanced a safe distance from the edge of the USTs, Westmark selected 45 feet as the boring depth under the presumption that vertically migrating fuel would also move laterally (depending on subsurface soil conditions) in an amount sufficient for a 45-foot-deep soil boring to pass through the horizontally distributed fuel before reaching the pre-selected terminal depth. This method of selecting a soil boring depth when performing a screening assessment such as this has proven effective for Westmark in the past.

Westmark provided environmental professional oversight while Cascade Drilling, L.P. of Las Vegas, Nevada (Cascade), a California-licensed drilling company, advanced soil borings. Cascade advanced the soil borings using and Central Mine Equipment (CME)-85 drill rig equipped with hollow stem auger (HSA) drill pipe.

Field Methods

Underground Service Alert of Southern California (USA-SC) was contacted for an underground utility clearance within the work area prior to commencing soil boring activities. USA-SC indicated that no buried public utilities were in conflict with the proposed boring locations. Additionally, a private utility locator, Ground Penetrating Radar Company (GPRC), was contracted to locate and identify buried utilities around the proposed boring locations. GPRC conducted their survey with oversight from Westmark on January 14, 2022 and identified subsurface utilities around the northern side of the gas station structure. These subsurface utilities were marked with white paint. Boring locations were selected at least 18 inches away from the locations marked by GPRC.

Boring advancement activities were conducted on February 2 through February 4, 2022. Six boring locations (B-1 through B-6) were cleared using a hand auger to approximately five feet bgs. After reaching five feet bgs, the HSA drill rig was used to advance the borehole to the final depth of 45 bgs. Throughout borehole advancement, soil cuttings were logged every five feet for lithology and field-screened with a RAE Systems MiniRAE 2000 photoionization detector (PID) fitted with a 10.6eV lamp and calibrated with isobutylene. The purpose of the field-screening was to check for the presence of volatile organic compounds (VOCs). Borehole logs are presented in Appendix A.

No buried utilities were encountered in any of the borings. No visual or olfactory evidence of petroleum hydrocarbon impacted soil (e.g. staining or strong odor) or elevated PID readings were noted during soil boring advancement activities.

Using field screening results and professional judgment, Westmark determined what depth(s) to collect soil samples from each boring. Samples were typically collected at intervals of five feet. Soil samples were collected with six-inch-long stainless steel sleeves using a split-spoon sampler, sealed on both ends with Teflon sheets and plastic caps, placed on in an ice chest containing ice, and relinquished to Advanced Technology Laboratories, Inc. dba ASSET Laboratories (ASSET) of Las Vegas, Nevada. ASSET is a California State accredited environmental laboratory.

One sleeve of each sampled interval was retrieved and submitted for analysis of total petroleum hydrocarbons (TPH) in the gasoline, diesel, and motor oil ranges by Environmental Protection Agency (EPA) Method 8015B, Resource Conservation and Recovery Act (RCRA) 8 metals by EPA Method 6010B, hexavalent chromium by EPA Methods 7199 and 3060A, and volatile organic compounds (VOCs) by EPA Method 8260B.

Soil samples obtained from the following locations were analyzed for semi-volatile organic compounds (SVOCs) by EPA Method 8270C: B1-25', B1-45', B2-20', B2-45', B3-20', B3-45', B4-20', B4-45', B5-15', B6-15'.

One arbitrary sample (B4-15') was analyzed for California Administrative Manual (CAM) 17 metals by EPA Methods 3050B and 6010B for waste characterization purposes.

ANALYTICAL RESULTS

Soil Analytical Results

Forty-four soil samples were submitted to the laboratory for analysis. Laboratory analytical data for these 44 soil samples are summarized in Tables 1, 2, and 3. Laboratory analytical reports and chain-of-custody documentation are provided in Appendix B. All 44 samples were analyzed for TPH by EPA Method 8015B, RCRA 8 by EPA Method 6010B, hexavalent chromium by EPA Methods 7199 and 3060A, and VOCs by EPA Method 8260B. Ten soil samples, obtained at B1-25', B1-45', B2-20', B2-45', B3-20', B3-45', B4-20', B4-45', B5-15', B6-15' were analyzed for SVOCs by EPA Method 8270C. One soil sample, B4-15', was analyzed for CAM 17 metals by EPA Methods 3050B and 6010B.

TPH was reported by the laboratory in 14 of the soil samples at concentrations ranging from 10 milligrams per kilogram (mg/kg) at B5-10' to 100 mg/kg at B3-5'. Detectable TPH concentrations in the soil samples were reported as gasoline range organics (TPH-GRO), diesel range organics (TPH-DRO), and motor oil range organics (TPH-ORO). TPH concentrations did not exceed the California Department of Toxic Substances Control (DTSC) Screening Levels for Commercial/Industrial Soil in any of the samples analyzed. Soil TPH results are located in Table 1.

Concentrations of VOCs in all 44 soil samples analyzed were reported as below laboratory detection limits and are therefore below DTSC Screening Levels. VOC results are located in Table 1.

All 44 soil samples were analyzed for RCRA 8 metals and hexavalent chromium. Detectable metal concentrations were reported in all 44 soil samples. The laboratory reported concentrations of arsenic in 35 soil samples ranging from 1 mg/kg at B2-20' and B2-40' to 18 mg/kg at B5-10'. However, Westmark reviewed the *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, prepared by G. Chernoff, W. Bosan, and D. Oudiz and published by DTSC. According to this report, the background value of arsenic comprised of natural occurring metals can be estimated as 12 mg/kg in this region. Using this value as a screening tool, only the sample obtained from B5-10' is above Cal-DTSC and EPA Region IX Screening Levels.

After receipt of total chromium concentrations, the soil samples were resubmitted for hexavalent chromium analyses. All hexavalent chromium results were below the reporting limit. Although the holding time for the hexavalent chromium analyses was exceeded by 7 to 8 days, there are no known uses of hexavalent chromium on site and the data is likely representative of site conditions. RCRA 8 and hexavalent chromium results are located in Table 2.

One soil sample was analyzed for CAM 17 metals. Detectable metal concentrations were present in B4-15'. Arsenic was reported at a concentration of 3.7 mg/kg, which is above DTSC and EPA Region IX Screening Levels. However, using the regional background value of arsenic discussed above, this result is within both respective Screening Levels. Results of this test are located in Table 3.

Copies of DTSC Human and Ecological Risk Office Note 3 Screening Levels and EPA Region IX Screening Levels are included as Appendix C of this report.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Investigation-derived waste (IDW) generated during field activities included soil was contained in appropriately labelled Department of Transportation-rated 55-gallon-capacity steel drums and temporarily stored on the Property. Upon receipt of laboratory analytical results, Westmark will profile and manifest these waste streams. Upon completion of this project, 13 55-gallon-capacity drums of IDW will be transported and disposed of by Belshire Environmental Services, located in Lake Forest, California.

CONCLUSIONS

Based on information obtained during the performance of this Phase II ESA, it appears that there are minimal petroleum impacts the Property. It is Westmark's opinion that this data does not represent a petroleum release to the environmental media from the abandoned UST systems present on the Property. However, Westmark would advise that there could be higher concentrations of petroleum product in areas, such as below the UST systems, that this Phase II ESA did not encompass.

RECOMMENDATIONS

This report represents the findings of the investigation for environmental release requested by Terrible Herbst prior to the potential acquisition of the Property. As this Phase II ESA did not reveal evidence of a petroleum release from the abandoned UST systems present on the Property, it is Westmark's opinion that further investigation is not necessary. However, due to the scope of this Phase II ESA, Westmark believes that it is possible that higher concentrations of petroleum product may be present in other areas of the Property. If the Client would like further clarity of these locations, Westmark would recommend a second subsurface investigation with the use of directional drilling in order to capture soil samples directly under the UST systems.

CLOSURE

This report has been prepared for the exclusive use of Terrible Herbst, Inc. The Westmark Group has performed the work described herein within the limits prescribed by our proposal and using the usual degree of care and thoroughness normally employed by the environmental consulting profession at the time and locality in which the study was completed. The conclusions presented in this report are professional opinions based solely upon observations of our field personnel, points of investigation and the results of supporting services provided by State-licensed/certified contractors. The scope of services performed in execution of this investigation may not be appropriate to satisfy the needs of other users, and any use of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said third party.

Opinions and recommendations presented herein apply to the conditions that existed at the time of our investigation and cannot necessarily apply to site changes of which Westmark is unaware and has not had the opportunity to evaluate. Site conditions may be affected by natural processes or by the works of man. Changes in applicable standards and regulations may also occur as a result of legislation or the broadening of knowledge. Consequently, the findings of this report may be invalidated, wholly or in part, by changes that are unforeseen and beyond our control.

Prepared by:

Kelly Paige Arrup

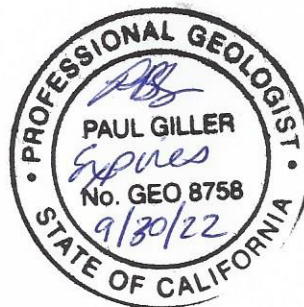
Kelly Paige Arrup
Senior Staff Environmental Scientist

CALIFORNIA PROFESSIONAL GEOLOGIST

I, Paul Giller, hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances.

Paul Giller

Paul Giller, P.G.
Senior Geologist
GEO 8758



TABLES

TABLE 1
Soil Analytical Data- TPH and VOC Concentrations
63851 Halloran Summit Road, Nipton, California

Sample ID	Sample Depth (feet bgs)	Date	Time	TPH-DRO	TPH-GRO	TPH-ORO	Volatile Organic Compounds (VOCs) ¹	Semivolatile Organic Compounds (SVOCs) ¹
				EPA Method 8015B			EPA Method 8260B	EPA Method 8270C
				Results in milligrams per kilogram (mg/kg) (equivalent to parts per million [ppm])			Results in micrograms per kilogram (µg/kg) (equivalent to parts per billion [ppb])	Results in micrograms per kilogram (µg/kg) (equivalent to parts per billion [ppb])
B1-5	5	02/22/22		14	<1.0	24	ND	NA
B1-15	15	02/22/22		<10	<1.0	23	ND	NA
B1-25	25	02/22/22		11	<1.0	14	ND	ND
B1-30	30	02/22/22		<10	<1.0	<10	ND	NA
B1-40	40	02/22/22		<10	<1.0	<10	ND	NA
B1-45	45	02/22/22		11	<1.0	15	ND	ND
B2-5	5	02/22/22		<10	<1.0	<10	ND	NA
B2-10	10	02/22/22		<10	<1.0	<10	ND	NA
B2-15	15	02/22/22		<10	<1.0	<10	ND	NA
B2-20	20	02/22/22		<10	<1.0	<10	ND	ND
B2-25	25	02/22/22		<10	<1.0	<10	ND	NA
B2-30	30	02/22/22		<10	<1.0	<10	ND	NA
B2-40	40	02/22/22		<10	<1.0	13	ND	NA
B2-45	45	02/22/22		<10	<1.0	<10	ND	ND
B3-5	5	02/03/22		58	<1.0	100	ND	NA
B3-10	10	02/03/22		<10	<1.0	<10	ND	NA
B3-15	15	02/03/22		<10	<1.0	16	ND	NA
B3-20	20	02/03/22		<10	<1.0	<10	ND	ND
B3-25	25	02/03/22		19	<1.0	35	ND	NA
B3-30	30	02/03/22		<10	<1.0	<10	ND	NA
B3-35	35	02/03/22		15	<1.0	24	ND	NA
B3-40	40	02/03/22		<10	<1.0	<10	ND	ND
B3-45	45	02/03/22		<10	<1.0	12	ND	Nd
B4-5	5	02/03/22		<10	<1.0	<10	ND	NA
B4-10	10	02/03/22		<10	<1.0	<10	ND	NA
B4-15	15	02/03/22		<10	<1.0	<10	ND	NA
B4-20	20	02/03/22		<10	<1.0	13	ND	ND
B4-25	25	02/03/22		<10	<1.0	<10	ND	NA
B4-30	30	02/03/22		<10	<1.0	<10	ND	NA
B4-35	35	02/03/22		<10	<1.0	12	ND	NA
B4-40	40	02/03/22		<10	<1.0	<10	ND	NA
B4-45	45	02/03/22		<10	<1.0	<10	ND	ND
B5-5	5	02/04/22		<10	<1.0	<10	ND	NA
B5-10	10	02/04/22		<10	<1.0	10	ND	NA
B5-15	15	02/04/22		<10	<1.0	<10	ND	ND
B5-20	20	02/04/22		<10	<1.0	12	ND	NA
B5-30	30	02/04/22		<10	<1.0	<10	ND	NA
B5-40	40	02/04/22		<10	<1.0	<10	ND	NA
B6-5	5	02/04/22		<10	<1.0	<10	ND	NA
B6-10	10	02/04/22		<10	<1.0	<10	ND	NA
B6-15	15	02/04/22		<10	<1.0	<10	ND	ND
B6-20	20	02/04/22		<10	<1.0	<10	ND	NA
B6-25	25	02/04/22		15	<1.0	20	ND	NA
B6-30	30	02/04/22		<10	<1.0	<10	ND	NA

Notes:

TPH-DRO = total petroleum hydrocarbons - diesel range organics

TPH-GRO = total petroleum hydrocarbons - gasoline range organics

TPH-ORO = total petroleum hydrocarbons - motor oil range organics

µg/kg = micrograms per kilogram (equivalent to parts per billion)

mg/kg = milligrams per kilogram (equivalent to parts per million)

bgs = below ground surface

ND = below laboratory detection limits

NA = not analysed

NS = not submitted for laboratory analysis

< = below the laboratory practical reporting limits (PQLs)

¹ Tabulated values limited to analytes exceeding laboratory practical quantitative limits (PQLs)

Metal Concentration							
EPA Method 3050B and 6010B							
Results in milligrams per kilogram (mg/kg) (equivalent to parts per million [ppm])							
Sample ID	Sample Depth feet bgs (feet bgs)	Date	Analyte	Result	EPA Region IX Regional Screening Levels (mg/kg)	Cal-DTSC Human and Ecological Risk Office Note 3 Screening Levels ^C (mg/kg)	
B4-15	15	2/3/2022	Antimony	ND	470	Not Applicable	
B4-15	15	2/3/2022	Arsenic	3.7^A	3	4.2	Commercial / Industrial Soil Non Cancer Endpoint
B4-15	15	2/3/2022	Barium	69	220,000	Not Applicable	
B4-15	15	2/3/2022	Beryllium	<1	2,300	230	Commercial / Industrial Soil Non Cancer Endpoint
B4-15	15	2/3/2022	Cadmium	<1	100	780	Commercial / Industrial Soil Non Cancer Endpoint
B4-15	15	2/3/2022	Chromium ^B	5.7	6.3 ^C	3,500	Commercial / Industrial Soil Non Cancer Endpoint
B4-15	15	2/3/2022	Cobalt	5.1	350	Not Applicable	
B4-15	15	2/3/2022	Copper	5.0	47,000	Not Applicable	
B4-15	15	2/3/2022	Lead	2.9	800	320	Commercial / Industrial Soil Non Cancer Endpoint
B4-15	15	2/3/2022	Molybdenum	<1	5,800	Not Applicable	
B4-15	15	2/3/2022	Nickel	4.4		11,000	Commercial / Industrial Soil Non Cancer Endpoint
B4-15	15	2/3/2022	Selenium	<1	5,800	Not Applicable	
B4-15	15	2/3/2022	Silver	<1	5,800	Not Applicable	
B4-15	15	2/3/2022	Thallium	<1		Not Applicable	
B4-15	15	2/3/2022	Vanadium	27	5,800	Not Applicable	
B4-15	15	2/3/2022	Zinc	30	350,000	Not Applicable	
B4-15	15	2/3/2022	Mercury	<0.099	46	4.4	Commercial / Industrial Soil Non Cancer Endpoint

Notes:

Cal-DTSC = California Department of Toxic Substances

bgs = below ground surface

BOLD = analyte exceeds respective Screening Level

< = below the laboratory practical reporting limits (PQLs)

^A = Background value for Arsenic can be estimated as 12 mg/kg as derived in: Determination of a Southern California Regional Background Arsenic Concentration In Soil (Chernoff G, Bosan, W. and Oudiz, D.)


^B = Result is for total chromium.

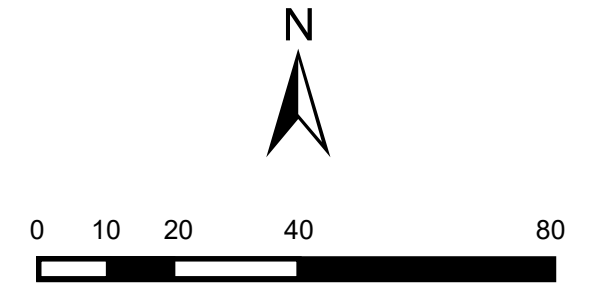
^C = EPA Region IX and DTSC Regional Screening Level is for Chromium IV

DRAWINGS



LEGEND

 Soil Boring Location



DATE:
02/09/2022

PROJECT NUMBER:
21-2640-02

DRAWING:
1

SITE MAP

63851 HALLORAN SUMMIT ROAD
NIPTON, CALIFORNIA 92364



THE Westmark® GROUP

7145 South Buffalo Drive, Suite C105
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(702) 839-2960 Tel.
(702) 839-2962 Fax.

APPENDIX A

SOIL BOREHOLE LOGS



63851 Halloran Summit Road
Nipton, California 92364

Drilling Contractor: Cascade Drilling
Logged By: Lee Robertson
Elevation (Ground Surface): NA
Elevation (TOC): NA
Depth to First Water (ft. bgs): NA
Depth to Static Water (ft. bgs): NA
Date Started: 02/02/2022
Date Completed: 02/02/2022
Project Number: 21-2640-02

Drilling Method: Hollow Stem Auger
Drilling Equipment: 180 lb. Autohammer
Sampling Method: Split spoon
Borehole Total Depth: 45'
Sample Interval: 5'

Depth (ft. bgs)	Sample ID	Blows/6"	PID/FID (PPM)	Lithology	Description
0					2" asphalt.
5	B1-5'	9 12 15	1.6		Medium brown silty sand (SM), moist.
10	B1-10'	18 50/3" NR	0.3		Pea gravel (GP).
15	B1-15'	43 48 50/2"	0.2		Medium brown silty sand (SM).
20	B1-20'	50/1" NR	NT		Light tan sandstone.
25	B1-25'	39 46 48	0.1		
30	B1-30'	42 38 40	0.2		
35	B1-35'	32 33 45	0.3		Light tan silty sand (SM).
40	B1-40'	33 36 49	0.4		
45	B1-45'	29 34 40	0.5		



63851 Halloran Summit Road
Nipton, California 92364

Drilling Contractor: Cascade Drilling

Logged By: Lee Robertson

Elevation (Ground Surface): NA

Elevation (TOC): NA

Depth to First Water (ft. bgs): NA

Depth to Static Water (ft. bgs): NA

Date Started: 02/02/2022

Date Completed: 02/02/2022

Project Number: 21-2640-02

Drilling Method: Hollow Stem Auger
 Drilling Equipment: 180 lb. Autohammer
 Sampling Method: Split spoon
 Borehole Total Depth: 45'
 Sample Interval: 5'

Depth (ft. bgs)	Sample ID	Blows/6"	PID/FID (PPM)	Lithology	Description
0					
5	B2-5'	30 46 50/2"	0.0		Light tan silty sand (SM).
10	B2-10'	8 50/4"	NT		
15	B2-15'	50/6"	0.1		Medium brown silty sand (SM).
20	B2-20'	11 50/3"	0.0		
25	B2-25'	50/6"	0.0		
30	B2-30'	18 26 50/3"	0.0		Light tan silty sand (SM), weathered sandstone, evidence of pedogenic calcium carbonate coated grains.
35	B2-35'	50/4"	NT		
40	B2-40'	5 50/2"	0.2		
45	B2-45'	24 23 9	0.1		



63851 Halloran Summit Road
Nipton, California 92364

Drilling Contractor: Cascade Drilling

Logged By: Lee Robertson

Elevation (Ground Surface): NA

Elevation (TOC): NA

Depth to First Water (ft. bgs): NA

Depth to Static Water (ft. bgs): NA

Date Started: 02/03/2022

Date Completed: 02/03/2022

Project Number: 21-2640-02

Drilling Method: Hollow Stem Auger
 Drilling Equipment: 180 lb. Autohammer
 Sampling Method: Split spoon
 Borehole Total Depth: 45'
 Sample Interval: 5'

Depth (ft. bgs)	Sample ID	Blows/6"	PID/FID (PPM)	Lithology	Description
0					Light tan silty sand (SM), pedogenic calcium carbonate.
5	B3-5'	35 50/2"	0.0		
10	B3-10'	15 35 50/2"	0.0		Same as above, increase hardness and ped strength.
15	B3-15'	19 50/3"	0.3		
20	B3-20'	7 41 50/4"	0.1		Light tan to rust colored sandy silt (ML), pedogenic calcium carbonate, hard calcified peds.
25	B3-25'	10 50/6"	0.0		Same as above, light tan.
30	B3-30'	10 50/2"	0.0		Same as above, more rust colored.
35	B3-35'	3 8 21	0.0		Dark tan to medium brown sandy clay (CL) with silt.
40	B3-40'	26 50/2"	NT		Light tan silty sand (SM), pedogenic calcium carbonate, hard calcified peds.
45	B3-45'	25 50/3"	0.0		



63851 Halloran Summit Road
Nipton, California 92364

Drilling Contractor: Cascade Drilling

Logged By: Lee Robertson

Elevation (Ground Surface): NA

Elevation (TOC): NA

Depth to First Water (ft. bgs): NA

Depth to Static Water (ft. bgs): NA

Date Started: 02/03/2022

Date Completed: 02/03/2022

Project Number: 21-2640-02

Drilling Method: Hollow Stem Auger
Drilling Equipment: 180 lb. Autohammer
Sampling Method: Split spoon
Borehole Total Depth: 45'
Sample Interval: 5'

Depth (ft. bgs)	Sample ID	Blows/6"	PID/FID (PPM)	Lithology	Description
0					4" concrete.
					Medium brown silty clay (CL), moist.
5	B4-5'	13 50/6"	1.6		Light brown clayey sand (SC) with silt.
10	B4-10'	14 50/4"	1.8		Light brown 1/4" gravel (GP), fine gravels with silty sand (SM), pedogenic calcium carbonate coated grains.
15	B4-15'	50/6"	0.7		Same as above, medium brown.
20	B4-20'	3 14 50/2"	0.3		
25	B4-25'	19 33 50/4"	0.0		
30	B4-30'	15 50/5"	0.0		Medium brown silty sand (SM), pedogenic calcium carbonate, medium ped strength. Add water to drill up cuttings.
35	B4-35'	2 10 50/4"	0.0		
40	B4-40'	50/4"	0.1		
45	B4-45'	12 36 50/3"	1.0		



63851 Halloran Summit Road
Nipton, California 92364

Drilling Contractor: Cascade Drilling

Logged By: Lee Robertson

Elevation (Ground Surface): NA

Elevation (TOC): NA

Depth to First Water (ft. bgs): NA

Depth to Static Water (ft. bgs): NA

Date Started: 02/04/2022

Date Completed: 02/04/2022

Project Number: 21-2640-02

Drilling Method: Hollow Stem Auger
 Drilling Equipment: 180 lb. Autohammer
 Sampling Method: Split spoon
 Borehole Total Depth: 45'
 Sample Interval: 5'

Depth (ft. bgs)	Sample ID	Blows/6"	PID/FID (PPM)	Lithology	Description
0					4" concrete.
5	B5-5'	15 30 28	0.4		Tan to light brown silty sand (SM), pedogenic calcium carbonate coated grains.
10	B5-10'	3 21 42	0.1		
15	B5-15'	20 25 50/5"	0.0		Light brown silty sand (SM), pedogenic calcium carbonate coated grains, hard ped strength.
20	B5-20'	17 50/3"	0.0		
25	B5-25'	50/5" NR	NR		
30	B5-30'	17 42 41	0.3		
35	B5-35'	50/3" NR	NR		Same as above. No recovery in sample.
40	B5-40'	20 50/1"	0.0		
45	B5-45'	50/0"	NR		



63851 Halloran Summit Road
Nipton, California 92364

Drilling Contractor: Cascade Drilling

Logged By: Lee Robertson

Elevation (Ground Surface): NA

Elevation (TOC): NA

Depth to First Water (ft. bgs): NA

Depth to Static Water (ft. bgs): NA

Date Started: 02/04/2022

Date Completed: 02/04/2022

Project Number: 21-2640-02

Drilling Method: Hollow Stem Auger

Drilling Equipment: 180 lb. Autohammer

Sampling Method: Split spoon

Borehole Total Depth: 45'

Sample Interval: 5'

Depth (ft. bgs)	Sample ID	Blows/6"	PID/FID (PPM)	Lithology	Description
0					4" concrete.
					Dark brown clayey sand (SC) with silt.
5	B6-5'	13 50/6"	0.1		
10	B6-10'	13 30 50/1"	0.1		Tan silty sand (SM), pedogenic calcium carbonate coated peds, medium ped strength.
15	B6-15'	5 23 12	0.3		
20	B6-20'	2 39 50/3"	0.0		Light brown silty sand (SM) with 1/4" gravels.
25	B6-25'	9 50/6"	0.1		
30	B6-30'	5/50"	0.0		
35	B6-35'	50/3" NR			Tan silty sand (SM), pedogenic calcium carbonate coated peds, hard ped strength.
40	B6-40'	50/1" NR			
45	B6-45'	50/1" NR			

APPENDIX B

**LABORATORY REPORTS AND CHAIN-
OF-CUSTODY DOCUMENTATION**

March 02, 2022

Jeremey Westmark
The Westmark Group
7145 S Buffalo Drive
Suite C105
Las Vegas, NV 89113
TEL: (702) 525-7038
FAX: (702) 839-2962

Workorder No.: N049329

RE: Halloran Summit Rd, 21-2640-02

Enclosed are the results for sample(s) received on February 07, 2022 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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"Serving Clients with Passion and Professionalism"

CLIENT: The Westmark Group
Project: Halloran Summit Rd, 21-2640-02
Lab Order: N049329

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Samples N049329-007 (B1-45), N049329-015 (B2-45), N049329-024 (B3-45), N049239-033 (B4-45), N049329-036 (B5-15) and N049329-042 (B6-15) were not analyzed for Tetraethyl Lead. Please see attached correspondence.

Analytical Comments for EPA 8260B:

Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) recovery biased high for some analytes. Sample results were non-detect (ND) for these analytes therefore reanalysis of the samples was not necessary.

RPD and recovery of Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside criteria for some analytes possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 8015B_GRO:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for GRO in QC samples N049314-008BMS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Surrogate Chlorobenzene-d5 recovery biased high for N049329-021 possibly due to matrix interferences. Sample results were non-detect (ND) for analytes of interest therefore reanalysis of the sample was not necessary.

Analytical Comments for EPA 8015B_DRO/ORO:

CLIENT: The Westmark Group
Project: Halloran Summit Rd, 21-2640-02
Lab Order: N049329

CASE NARRATIVE

RPD and recovery of Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 8270C:

RPD of Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside criteria for several analytes in QC samples N049329-003A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6010B:

Laboratory Control Sample (LCS) recovery biased high for analyte Silver. Sample results were non-detect (ND) for these analytes therefore reanalysis of the samples was not necessary.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes in qc samples N049329-001A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 02-Mar-22

CLIENT: The Westmark Group
Project: Halloran Summit Rd, 21-2640-02
Lab Order: N049329
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N049329-001A	B1-5	Soil	2/2/2022 10:10:00 AM	2/7/2022	3/2/2022
N049329-002A	B1-15	Soil	2/2/2022 10:33:00 AM	2/7/2022	3/2/2022
N049329-003A	B1-25	Soil	2/2/2022 11:03:00 AM	2/7/2022	3/2/2022
N049329-004A	B1-30	Soil	2/2/2022 11:22:00 AM	2/7/2022	3/2/2022
N049329-005A	B1-35	Soil	2/2/2022 11:37:00 AM	2/7/2022	3/2/2022
N049329-006A	B1-40	Soil	2/2/2022 11:50:00 AM	2/7/2022	3/2/2022
N049329-007A	B1-45	Soil	2/2/2022 11:54:00 AM	2/7/2022	3/2/2022
N049329-007B	B1-45	Soil	2/2/2022 11:54:00 AM	2/7/2022	3/2/2022
N049329-008A	B2-5	Soil	2/2/2022 2:17:00 PM	2/7/2022	3/2/2022
N049329-009A	B2-10	Soil	2/2/2022 2:29:00 PM	2/7/2022	3/2/2022
N049329-010A	B2-15	Soil	2/2/2022 2:40:00 PM	2/7/2022	3/2/2022
N049329-011A	B2-20	Soil	2/2/2022 2:51:00 PM	2/7/2022	3/2/2022
N049329-012A	B2-25	Soil	2/2/2022 3:03:00 PM	2/7/2022	3/2/2022
N049329-013A	B2-30	Soil	2/2/2022 3:16:00 PM	2/7/2022	3/2/2022
N049329-014A	B2-40	Soil	2/2/2022 3:57:00 PM	2/7/2022	3/2/2022
N049329-015A	B2-45	Soil	2/2/2022 4:22:00 PM	2/7/2022	3/2/2022
N049329-015B	B2-45	Soil	2/2/2022 4:22:00 PM	2/7/2022	3/2/2022
N049329-016A	B3-5	Soil	2/3/2022 9:25:00 AM	2/7/2022	3/2/2022
N049329-017A	B3-10	Soil	2/3/2022 9:30:00 AM	2/7/2022	3/2/2022
N049329-018A	B3-15	Soil	2/3/2022 9:44:00 AM	2/7/2022	3/2/2022
N049329-019A	B3-20	Soil	2/3/2022 9:56:00 AM	2/7/2022	3/2/2022
N049329-020A	B3-25	Soil	2/3/2022 10:10:00 AM	2/7/2022	3/2/2022
N049329-021A	B3-30	Soil	2/3/2022 10:27:00 AM	2/7/2022	3/2/2022
N049329-022A	B3-35	Soil	2/3/2022 10:45:00 AM	2/7/2022	3/2/2022
N049329-023A	B3-40	Soil	2/3/2022 11:10:00 AM	2/7/2022	3/2/2022
N049329-024A	B3-45	Soil	2/3/2022 11:30:00 AM	2/7/2022	3/2/2022
N049329-024B	B3-45	Soil	2/3/2022 11:30:00 AM	2/7/2022	3/2/2022
N049329-025A	B4-5	Soil	2/3/2022 12:31:00 PM	2/7/2022	3/2/2022
N049329-026A	B4-10	Soil	2/3/2022 1:25:00 PM	2/7/2022	3/2/2022



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CLIENT: The Westmark Group
Project: Halloran Summit Rd, 21-2640-02
Lab Order: N049329
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N049329-027A	B4-15	Soil	2/3/2022 1:40:00 PM	2/7/2022	3/2/2022
N049329-028A	B4-20	Soil	2/3/2022 1:56:00 PM	2/7/2022	3/2/2022
N049329-029A	B4-25	Soil	2/3/2022 2:10:00 PM	2/7/2022	3/2/2022
N049329-030A	B4-30	Soil	2/3/2022 3:33:00 PM	2/7/2022	3/2/2022
N049329-031A	B4-35	Soil	2/3/2022 3:56:00 PM	2/7/2022	3/2/2022
N049329-032A	B4-40	Soil	2/3/2022 4:12:00 PM	2/7/2022	3/2/2022
N049329-033A	B4-45	Soil	2/3/2022 4:50:00 PM	2/7/2022	3/2/2022
N049329-033B	B4-45	Soil	2/3/2022 4:50:00 PM	2/7/2022	3/2/2022
N049329-034A	B5-5	Soil	2/4/2022 9:28:00 AM	2/7/2022	3/2/2022
N049329-035A	B5-10	Soil	2/4/2022 9:39:00 AM	2/7/2022	3/2/2022
N049329-036A	B5-15	Soil	2/4/2022 9:52:00 AM	2/7/2022	3/2/2022
N049329-036B	B5-15	Soil	2/4/2022 9:52:00 AM	2/7/2022	3/2/2022
N049329-037A	B5-20	Soil	2/4/2022 10:13:00 AM	2/7/2022	3/2/2022
N049329-038A	B5-30	Soil	2/4/2022 10:39:00 AM	2/7/2022	3/2/2022
N049329-039A	B5-40	Soil	2/4/2022 12:13:00 PM	2/7/2022	3/2/2022
N049329-040A	B6-5	Soil	2/4/2022 2:49:00 PM	2/7/2022	3/2/2022
N049329-041A	B6-10	Soil	2/4/2022 2:51:00 PM	2/7/2022	3/2/2022
N049329-042A	B6-15	Soil	2/4/2022 3:03:00 PM	2/7/2022	3/2/2022
N049329-042B	B6-15	Soil	2/4/2022 3:03:00 PM	2/7/2022	3/2/2022
N049329-043A	B6-20	Soil	2/4/2022 3:20:00 PM	2/7/2022	3/2/2022
N049329-044A	B6-25	Soil	2/4/2022 3:27:00 PM	2/7/2022	3/2/2022
N049329-045A	B6-30	Soil	2/4/2022 3:40:00 PM	2/7/2022	3/2/2022



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-001

Client Sample ID: B1-5
Collection Date: 2/2/2022 10:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 02:33 AM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 02:33 AM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group	Client Sample ID: B1-5
Lab Order: N049329	Collection Date: 2/2/2022 10:10:00 AM
Project: Halloran Summit Rd, 21-2640-02	Matrix: SOIL
Lab ID: N049329-001	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220209B	QC Batch: P22VS014	PrepDate:	Analyst: DJ
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cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 02:33 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 02:33 AM
Surr: 1,2-Dichloroethane-d4	114	62-165	%REC	1	2/10/2022 02:33 AM
Surr: 4-Bromofluorobenzene	101	71-125	%REC	1	2/10/2022 02:33 AM
Surr: Dibromofluoromethane	110	74-143	%REC	1	2/10/2022 02:33 AM
Surr: Toluene-d8	110	80-120	%REC	1	2/10/2022 02:33 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220211A	QC Batch: 91401	PrepDate: 2/9/2022	Analyst: PL
----------------------------	-----------------	--------------------	-------------

DRO	14	10	mg/Kg	1	2/11/2022 09:03 PM
ORO	24	10	mg/Kg	1	2/11/2022 09:03 PM
Surr: p-Terphenyl	89.1	46-158	%REC	1	2/11/2022 09:03 PM

Qualifiers: B Analyte detected in the associated Method Blank	E Value above quantitation range
H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-001

Client Sample ID: B1-5
Collection Date: 2/2/2022 10:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 12:04 PM
Surr: Chlorobenzene - d5	88.4	54-144		%REC	1	2/8/2022 12:04 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471A						
RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.099		mg/Kg	1	2/8/2022 03:05 PM
TOTAL METALS BY ICP						
EPA 3050B						
RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	2.3	1.0		mg/Kg	1	2/8/2022 08:48 PM
Barium	60	1.0		mg/Kg	1	2/8/2022 08:48 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 08:48 PM
Chromium	5.3	1.0		mg/Kg	1	2/8/2022 08:48 PM
Lead	6.1	1.0		mg/Kg	1	2/8/2022 08:48 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 08:48 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 08:48 PM
EPA 6010B						

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B1-15
Lab Order:	N049329	Collection Date:	2/2/2022 10:33:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-002		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:		Analyst:	DJ
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,1-Dichloropropene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	2/10/2022 03:00 AM	
1,2-Dibromoethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,3-Dichloropropane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
2,2-Dichloropropane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
2-Butanone	ND	50		µg/Kg	1	2/10/2022 03:00 AM	
2-Chlorotoluene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
4-Chlorotoluene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
4-Isopropyltoluene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Benzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Bromobenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Bromodichloromethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Bromoform	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Bromomethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Chlorobenzene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Chloroethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Chloroform	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
Chloromethane	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/10/2022 03:00 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group	Client Sample ID: B1-15
Lab Order: N049329	Collection Date: 2/2/2022 10:33:00 AM
Project: Halloran Summit Rd, 21-2640-02	Matrix: SOIL
Lab ID: N049329-002	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220209B	QC Batch: P22VS014	PrepDate:	Analyst: DJ		
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 03:00 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 03:00 AM
Surr: 1,2-Dichloroethane-d4	122	62-165	%REC	1	2/10/2022 03:00 AM
Surr: 4-Bromofluorobenzene	99.4	71-125	%REC	1	2/10/2022 03:00 AM
Surr: Dibromofluoromethane	116	74-143	%REC	1	2/10/2022 03:00 AM
Surr: Toluene-d8	108	80-120	%REC	1	2/10/2022 03:00 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220211A	QC Batch: 91401	PrepDate: 2/9/2022	Analyst: PL		
DRO	ND	10	mg/Kg	1	2/11/2022 09:32 PM
ORO	23	10	mg/Kg	1	2/11/2022 09:32 PM
Surr: p-Terphenyl	91.4	46-158	%REC	1	2/11/2022 09:32 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-002

Client Sample ID: B1-15
Collection Date: 2/2/2022 10:33:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 01:40 PM
Surr: Chlorobenzene - d5	89.4	54-144	%REC	1	2/8/2022 01:40 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 03:09 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.9	1.0	mg/Kg	1	2/8/2022 09:16 PM
Barium	41	1.0	mg/Kg	1	2/8/2022 09:16 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 09:16 PM
Chromium	9.4	1.0	mg/Kg	1	2/8/2022 09:16 PM
Lead	3.3	1.0	mg/Kg	1	2/8/2022 09:16 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 09:16 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 09:16 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-003

Client Sample ID: B1-25
Collection Date: 2/2/2022 11:03:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst:	PL
1,2,4-Trichlorobenzene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
1,2-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
1,3-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
1,4-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2,4,5-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2,4,6-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2,4-Dichlorophenol	ND	1600	µg/Kg	1	2/16/2022 12:33 AM		
2,4-Dimethylphenol	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2,4-Dinitrophenol	ND	1600	µg/Kg	1	2/16/2022 12:33 AM		
2,4-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2,6-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2-Chloronaphthalene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2-Chlorophenol	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2-Methylnaphthalene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2-Methylphenol	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
2-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 12:33 AM		
2-Nitrophenol	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
3,3'-Dichlorobenzidine	ND	660	µg/Kg	1	2/16/2022 12:33 AM		
3-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 12:33 AM		
4,6-Dinitro-2-methylphenol	ND	1600	µg/Kg	1	2/16/2022 12:33 AM		
4-Bromophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
4-Chloro-3-methylphenol	ND	660	µg/Kg	1	2/16/2022 12:33 AM		
4-Chloroaniline	ND	660	µg/Kg	1	2/16/2022 12:33 AM		
4-Chlorophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
4-Methylphenol	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
4-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 12:33 AM		
4-Nitrophenol	ND	1600	µg/Kg	1	2/16/2022 12:33 AM		
Acenaphthene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
Acenaphthylene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
Anthracene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
Benzo(a)anthracene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
Benzo(a)pyrene	ND	200	µg/Kg	1	2/16/2022 12:33 AM		
Benzo(b)fluoranthene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
Benzo(g,h,i)perylene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
Benzo(k)fluoranthene	ND	330	µg/Kg	1	2/16/2022 12:33 AM		
Benzoic acid	ND	1600	µg/Kg	1	2/16/2022 12:33 AM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B1-25
Lab Order:	N049329	Collection Date:	2/2/2022 11:03:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 3546			EPA 8270C			
RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst: PL
Benzyl alcohol	ND	660		µg/Kg	1	2/16/2022 12:33 AM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Butylbenzylphthalate	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Chrysene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Di-n-butylphthalate	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Di-n-octylphthalate	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Dibenz(a,h)anthracene	ND	200		µg/Kg	1	2/16/2022 12:33 AM
Dibenzofuran	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Diethylphthalate	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Dimethylphthalate	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Fluoranthene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Fluorene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Hexachlorobenzene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Hexachlorocyclopentadiene	ND	660		µg/Kg	1	2/16/2022 12:33 AM
Hexachloroethane	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Isophorone	ND	330		µg/Kg	1	2/16/2022 12:33 AM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	2/16/2022 12:33 AM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Naphthalene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Nitrobenzene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Pentachlorophenol	ND	1600		µg/Kg	1	2/16/2022 12:33 AM
Phenanthrene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Phenol	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Pyrene	ND	330		µg/Kg	1	2/16/2022 12:33 AM
Pyridine	ND	1600		µg/Kg	1	2/16/2022 12:33 AM
Surr: 1,2-Dichlorobenzene-d4	52.1	23-120		%REC	1	2/16/2022 12:33 AM
Surr: 2,4,6-Tribromophenol	46.8	16-120		%REC	1	2/16/2022 12:33 AM
Surr: 2-Chlorophenol-d4	53.9	25-120		%REC	1	2/16/2022 12:33 AM
Surr: 2-Fluorobiphenyl	55.1	25-120		%REC	1	2/16/2022 12:33 AM
Surr: 2-Fluorophenol	56.3	24-120		%REC	1	2/16/2022 12:33 AM
Surr: 4-Terphenyl-d14	62.6	19-123		%REC	1	2/16/2022 12:33 AM
Surr: Nitrobenzene-d5	54.8	17-120		%REC	1	2/16/2022 12:33 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-003

Client Sample ID: B1-25
Collection Date: 2/2/2022 11:03:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C QC Batch: 91460 PrepDate: 2/14/2022 Analyst: **PL**
 Surr: Phenol-d5 55.3 23-120 %REC 1 2/16/2022 12:33 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	P22VS014	PrepDate:	Analyst: DJ	
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 03:27 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 03:27 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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 ELAP Cert 2676 | NV Cert NV00922
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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-003

Client Sample ID: B1-25
Collection Date: 2/2/2022 11:03:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 03:27 AM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 03:27 AM	
Surr: 1,2-Dichloroethane-d4	115	62-165	%REC	1	2/10/2022 03:27 AM	
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 03:27 AM	
Surr: Dibromofluoromethane	119	74-143	%REC	1	2/10/2022 03:27 AM	
Surr: Toluene-d8	107	80-120	%REC	1	2/10/2022 03:27 AM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst:	PL
DRO		11	10	mg/Kg	1	2/11/2022 10:02 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-003

Client Sample ID: B1-25
Collection Date: 2/2/2022 11:03:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220211A	QC Batch: 91401				PrepDate: 2/9/2022	Analyst: PL
ORO	14	10		mg/Kg	1	2/11/2022 10:02 PM
Surr: p-Terphenyl	92.1	46-158		%REC	1	2/11/2022 10:02 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 02:13 PM
Surr: Chlorobenzene - d5	91.8	54-144		%REC	1	2/8/2022 02:13 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 03:32 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	1.6	1.0		mg/Kg	1	2/8/2022 09:21 PM
Barium	28	1.0		mg/Kg	1	2/8/2022 09:21 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 09:21 PM
Chromium	5.0	1.0		mg/Kg	1	2/8/2022 09:21 PM
Lead	2.0	1.0		mg/Kg	1	2/8/2022 09:21 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 09:21 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 09:21 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-004

Client Sample ID: B1-30
Collection Date: 2/2/2022 11:22:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 03:54 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 03:54 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-004

Client Sample ID: B1-30
Collection Date: 2/2/2022 11:22:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 03:54 AM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 03:54 AM	
Surr: 1,2-Dichloroethane-d4	107	62-165	%REC	1	2/10/2022 03:54 AM	
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 03:54 AM	
Surr: Dibromofluoromethane	103	74-143	%REC	1	2/10/2022 03:54 AM	
Surr: Toluene-d8	108	80-120	%REC	1	2/10/2022 03:54 AM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst:	PL
DRO	ND	10	mg/Kg	1	2/11/2022 10:32 PM		
ORO	ND	10	mg/Kg	1	2/11/2022 10:32 PM		
Surr: p-Terphenyl	89.8	46-158	%REC	1	2/11/2022 10:32 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-004

Client Sample ID: B1-30
Collection Date: 2/2/2022 11:22:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 02:45 PM
Surr: Chlorobenzene - d5	92.9	54-144	%REC	1	2/8/2022 02:45 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 03:36 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.8	1.0	mg/Kg	1	2/8/2022 09:27 PM
Barium	47	1.0	mg/Kg	1	2/8/2022 09:27 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 09:27 PM
Chromium	4.7	1.0	mg/Kg	1	2/8/2022 09:27 PM
Lead	2.4	1.0	mg/Kg	1	2/8/2022 09:27 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 09:27 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 09:27 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-005

Client Sample ID: B1-35
Collection Date: 2/2/2022 11:37:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 04:21 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 04:21 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-005

Client Sample ID: B1-35
Collection Date: 2/2/2022 11:37:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 04:21 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 04:21 AM
Surr: 1,2-Dichloroethane-d4	115	62-165	%REC	1	2/10/2022 04:21 AM
Surr: 4-Bromofluorobenzene	102	71-125	%REC	1	2/10/2022 04:21 AM
Surr: Dibromofluoromethane	112	74-143	%REC	1	2/10/2022 04:21 AM
Surr: Toluene-d8	110	80-120	%REC	1	2/10/2022 04:21 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst: PL
DRO	ND	10	mg/Kg	1	2/11/2022 11:02 PM	
ORO	ND	10	mg/Kg	1	2/11/2022 11:02 PM	
Surr: p-Terphenyl	87.1	46-158	%REC	1	2/11/2022 11:02 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-005

Client Sample ID: B1-35
Collection Date: 2/2/2022 11:37:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 03:17 PM
Surr: Chlorobenzene - d5	91.4	54-144		%REC	1	2/8/2022 03:17 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471A						
RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 03:39 PM
TOTAL METALS BY ICP						
EPA 3050B						
RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	1.5	1.0		mg/Kg	1	2/8/2022 09:42 PM
Barium	36	1.0		mg/Kg	1	2/8/2022 09:42 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 09:42 PM
Chromium	60	1.0		mg/Kg	1	2/8/2022 09:42 PM
Lead	2.4	1.0		mg/Kg	1	2/8/2022 09:42 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 09:42 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 09:42 PM
EPA 6010B						

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-006

Client Sample ID: B1-40
Collection Date: 2/2/2022 11:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 04:48 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 04:48 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-006

Client Sample ID: B1-40
Collection Date: 2/2/2022 11:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 04:48 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 04:48 AM
Surr: 1,2-Dichloroethane-d4	116	62-165	%REC	1	2/10/2022 04:48 AM
Surr: 4-Bromofluorobenzene	98.3	71-125	%REC	1	2/10/2022 04:48 AM
Surr: Dibromofluoromethane	96.0	74-143	%REC	1	2/10/2022 04:48 AM
Surr: Toluene-d8	113	80-120	%REC	1	2/10/2022 04:48 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst: PL
DRO	ND	10	mg/Kg	1	2/11/2022 11:32 PM	
ORO	ND	10	mg/Kg	1	2/11/2022 11:32 PM	
Surr: p-Terphenyl	71.6	46-158	%REC	1	2/11/2022 11:32 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-006

Client Sample ID: B1-40
Collection Date: 2/2/2022 11:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 03:50 PM
Surr: Chlorobenzene - d5	89.5	54-144		%REC	1	2/8/2022 03:50 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471A						
RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 03:43 PM
TOTAL METALS BY ICP						
EPA 3050B						
RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	ND	1.0		mg/Kg	1	2/8/2022 09:48 PM
Barium	30	1.0		mg/Kg	1	2/8/2022 09:48 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 09:48 PM
Chromium	11	1.0		mg/Kg	1	2/8/2022 09:48 PM
Lead	ND	1.0		mg/Kg	1	2/8/2022 09:48 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 09:48 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 09:48 PM
EPA 6010B						

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-007

Client Sample ID: B1-45
Collection Date: 2/2/2022 11:54:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
	EPA 3546		EPA 8270C			
RunID: NV00922-MS3_220215C	QC Batch: 91460				PrepDate: 2/14/2022	Analyst: PL
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2,4-Dichlorophenol	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
2,4-Dimethylphenol	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2,4-Dinitrophenol	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2-Chloronaphthalene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2-Chlorophenol	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2-Methylnaphthalene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2-Methylphenol	ND	330		µg/Kg	1	2/16/2022 01:49 AM
2-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
2-Nitrophenol	ND	330		µg/Kg	1	2/16/2022 01:49 AM
3,3'-Dichlorobenzidine	ND	660		µg/Kg	1	2/16/2022 01:49 AM
3-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
4,6-Dinitro-2-methylphenol	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
4-Bromophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 01:49 AM
4-Chloro-3-methylphenol	ND	660		µg/Kg	1	2/16/2022 01:49 AM
4-Chloroaniline	ND	660		µg/Kg	1	2/16/2022 01:49 AM
4-Chlorophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 01:49 AM
4-Methylphenol	ND	330		µg/Kg	1	2/16/2022 01:49 AM
4-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
4-Nitrophenol	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
Acenaphthene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Acenaphthylene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Anthracene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Benzo(a)anthracene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Benzo(a)pyrene	ND	200		µg/Kg	1	2/16/2022 01:49 AM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Benzoic acid	ND	1700		µg/Kg	1	2/16/2022 01:49 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B1-45
Lab Order:	N049329	Collection Date:	2/2/2022 11:54:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-007		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 3546			EPA 8270C			
RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst: PL
Benzyl alcohol	ND	660		µg/Kg	1	2/16/2022 01:49 AM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Butylbenzylphthalate	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Chrysene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Di-n-butylphthalate	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Di-n-octylphthalate	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Dibenz(a,h)anthracene	ND	200		µg/Kg	1	2/16/2022 01:49 AM
Dibenzofuran	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Diethylphthalate	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Dimethylphthalate	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Fluoranthene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Fluorene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Hexachlorobenzene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Hexachlorocyclopentadiene	ND	660		µg/Kg	1	2/16/2022 01:49 AM
Hexachloroethane	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Isophorone	ND	330		µg/Kg	1	2/16/2022 01:49 AM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	2/16/2022 01:49 AM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Naphthalene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Nitrobenzene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Pentachlorophenol	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
Phenanthrene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Phenol	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Pyrene	ND	330		µg/Kg	1	2/16/2022 01:49 AM
Pyridine	ND	1700		µg/Kg	1	2/16/2022 01:49 AM
Surr: 1,2-Dichlorobenzene-d4	59.3	23-120		%REC	1	2/16/2022 01:49 AM
Surr: 2,4,6-Tribromophenol	51.9	16-120		%REC	1	2/16/2022 01:49 AM
Surr: 2-Chlorophenol-d4	62.9	25-120		%REC	1	2/16/2022 01:49 AM
Surr: 2-Fluorobiphenyl	61.4	25-120		%REC	1	2/16/2022 01:49 AM
Surr: 2-Fluorophenol	66.7	24-120		%REC	1	2/16/2022 01:49 AM
Surr: 4-Terphenyl-d14	72.2	19-123		%REC	1	2/16/2022 01:49 AM
Surr: Nitrobenzene-d5	63.0	17-120		%REC	1	2/16/2022 01:49 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B1-45
Lab Order:	N049329	Collection Date:	2/2/2022 11:54:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-007		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C	QC Batch: 91460	PrepDate: 2/14/2022	Analyst: PL
Surr: Phenol-d5	64.2	23-120	%REC
		1	2/16/2022 01:49 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220209B	QC Batch: P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Butanone	ND	50	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg
Chlorobenzene	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B1-45
Lab Order:	N049329	Collection Date:	2/2/2022 11:54:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-007		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220209B	QC Batch: P22VS014	PrepDate:	Analyst: DJ		
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 05:15 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 05:15 AM
Surr: 1,2-Dichloroethane-d4	113	62-165	%REC	1	2/10/2022 05:15 AM
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 05:15 AM
Surr: Dibromofluoromethane	115	74-143	%REC	1	2/10/2022 05:15 AM
Surr: Toluene-d8	113	80-120	%REC	1	2/10/2022 05:15 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220211A	QC Batch: 91401	PrepDate: 2/9/2022	Analyst: PL		
DRO	11	10	mg/Kg	1	2/12/2022 12:02 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-007

Client Sample ID: B1-45
Collection Date: 2/2/2022 11:54:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220211A	QC Batch: 91401				PrepDate: 2/9/2022	Analyst: PL
ORO	15	10		mg/Kg	1	2/12/2022 12:02 AM
Surr: p-Terphenyl	89.4	46-158		%REC	1	2/12/2022 12:02 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 04:22 PM
Surr: Chlorobenzene - d5	91.7	54-144		%REC	1	2/8/2022 04:22 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.099		mg/Kg	1	2/8/2022 03:46 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	2.8	1.0		mg/Kg	1	2/8/2022 09:54 PM
Barium	27	1.0		mg/Kg	1	2/8/2022 09:54 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 09:54 PM
Chromium	2.7	1.0		mg/Kg	1	2/8/2022 09:54 PM
Lead	2.4	1.0		mg/Kg	1	2/8/2022 09:54 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 09:54 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 09:54 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-008

Client Sample ID: B2-5
Collection Date: 2/2/2022 2:17:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 05:42 AM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 05:42 AM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ELAP Cert 2676 | NV Cert NV00922
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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-008

Client Sample ID: B2-5
Collection Date: 2/2/2022 2:17:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 05:42 AM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 05:42 AM	
Surr: 1,2-Dichloroethane-d4	112	62-165	%REC	1	2/10/2022 05:42 AM	
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 05:42 AM	
Surr: Dibromofluoromethane	112	74-143	%REC	1	2/10/2022 05:42 AM	
Surr: Toluene-d8	111	80-120	%REC	1	2/10/2022 05:42 AM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst:	PL
DRO	ND	10	mg/Kg	1	2/12/2022 12:32 AM		
ORO	ND	10	mg/Kg	1	2/12/2022 12:32 AM		
Surr: p-Terphenyl	87.2	46-158	%REC	1	2/12/2022 12:32 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-008

Client Sample ID: B2-5
Collection Date: 2/2/2022 2:17:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 04:55 PM
Surr: Chlorobenzene - d5	91.8	54-144	%REC	1	2/8/2022 04:55 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 03:49 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	3.3	1.0	mg/Kg	1	2/8/2022 09:59 PM
Barium	20	1.0	mg/Kg	1	2/8/2022 09:59 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 09:59 PM
Chromium	2.6	1.0	mg/Kg	1	2/8/2022 09:59 PM
Lead	2.8	1.0	mg/Kg	1	2/8/2022 09:59 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 09:59 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 09:59 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-009

Client Sample ID: B2-10
Collection Date: 2/2/2022 2:29:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 06:09 AM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 06:09 AM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-009

Client Sample ID: B2-10
Collection Date: 2/2/2022 2:29:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 06:09 AM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 06:09 AM	
Surr: 1,2-Dichloroethane-d4	117	62-165	%REC	1	2/10/2022 06:09 AM	
Surr: 4-Bromofluorobenzene	96.2	71-125	%REC	1	2/10/2022 06:09 AM	
Surr: Dibromofluoromethane	113	74-143	%REC	1	2/10/2022 06:09 AM	
Surr: Toluene-d8	107	80-120	%REC	1	2/10/2022 06:09 AM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst:	PL
DRO	ND	10	mg/Kg	1	2/12/2022 02:03 AM		
ORO	ND	10	mg/Kg	1	2/12/2022 02:03 AM		
Surr: p-Terphenyl	85.0	46-158	%REC	1	2/12/2022 02:03 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-009

Client Sample ID: B2-10
Collection Date: 2/2/2022 2:29:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 05:28 PM
Surr: Chlorobenzene - d5	88.2	54-144		%REC	1	2/8/2022 05:28 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471A						
RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 04:00 PM
TOTAL METALS BY ICP						
EPA 3050B						
RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	5.3	1.0		mg/Kg	1	2/8/2022 10:05 PM
Barium	38	1.0		mg/Kg	1	2/8/2022 10:05 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 10:05 PM
Chromium	5.5	1.0		mg/Kg	1	2/8/2022 10:05 PM
Lead	2.5	1.0		mg/Kg	1	2/8/2022 10:05 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 10:05 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 10:05 PM
EPA 6010B						

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-010

Client Sample ID: B2-15
Collection Date: 2/2/2022 2:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 06:36 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 06:36 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-010

Client Sample ID: B2-15
Collection Date: 2/2/2022 2:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 06:36 AM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 06:36 AM	
Surr: 1,2-Dichloroethane-d4	116	62-165	%REC	1	2/10/2022 06:36 AM	
Surr: 4-Bromofluorobenzene	101	71-125	%REC	1	2/10/2022 06:36 AM	
Surr: Dibromofluoromethane	104	74-143	%REC	1	2/10/2022 06:36 AM	
Surr: Toluene-d8	111	80-120	%REC	1	2/10/2022 06:36 AM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst:	PL
DRO	ND	10	mg/Kg	1	2/12/2022 02:33 AM		
ORO	ND	10	mg/Kg	1	2/12/2022 02:33 AM		
Surr: p-Terphenyl	84.2	46-158	%REC	1	2/12/2022 02:33 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-010

Client Sample ID: B2-15
Collection Date: 2/2/2022 2:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 06:00 PM
Surr: Chlorobenzene - d5	93.1	54-144	%REC	1	2/8/2022 06:00 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.099	mg/Kg	1	2/8/2022 04:03 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	2.7	1.0	mg/Kg	1	2/8/2022 10:11 PM
Barium	53	1.0	mg/Kg	1	2/8/2022 10:11 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 10:11 PM
Chromium	13	1.0	mg/Kg	1	2/8/2022 10:11 PM
Lead	2.2	1.0	mg/Kg	1	2/8/2022 10:11 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 10:11 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 10:11 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-011

Client Sample ID: B2-20
Collection Date: 2/2/2022 2:51:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst:	PL
1,2,4-Trichlorobenzene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
1,2-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
1,3-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
1,4-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2,4,5-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2,4,6-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2,4-Dichlorophenol	ND	1700	µg/Kg	1	2/16/2022 02:14 AM		
2,4-Dimethylphenol	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2,4-Dinitrophenol	ND	1700	µg/Kg	1	2/16/2022 02:14 AM		
2,4-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2,6-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2-Chloronaphthalene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2-Chlorophenol	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2-Methylnaphthalene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2-Methylphenol	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
2-Nitroaniline	ND	1700	µg/Kg	1	2/16/2022 02:14 AM		
2-Nitrophenol	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
3,3'-Dichlorobenzidine	ND	660	µg/Kg	1	2/16/2022 02:14 AM		
3-Nitroaniline	ND	1700	µg/Kg	1	2/16/2022 02:14 AM		
4,6-Dinitro-2-methylphenol	ND	1700	µg/Kg	1	2/16/2022 02:14 AM		
4-Bromophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
4-Chloro-3-methylphenol	ND	660	µg/Kg	1	2/16/2022 02:14 AM		
4-Chloroaniline	ND	660	µg/Kg	1	2/16/2022 02:14 AM		
4-Chlorophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
4-Methylphenol	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
4-Nitroaniline	ND	1700	µg/Kg	1	2/16/2022 02:14 AM		
4-Nitrophenol	ND	1700	µg/Kg	1	2/16/2022 02:14 AM		
Acenaphthene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
Acenaphthylene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
Anthracene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
Benzo(a)anthracene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
Benzo(a)pyrene	ND	200	µg/Kg	1	2/16/2022 02:14 AM		
Benzo(b)fluoranthene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
Benzo(g,h,i)perylene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
Benzo(k)fluoranthene	ND	330	µg/Kg	1	2/16/2022 02:14 AM		
Benzoic acid	ND	1700	µg/Kg	1	2/16/2022 02:14 AM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-011

Client Sample ID: B2-20
Collection Date: 2/2/2022 2:51:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
	EPA 3546		EPA 8270C			
RunID: NV00922-MS3_220215C	QC Batch: 91460			PrepDate:	2/14/2022	Analyst: PL
Benzyl alcohol	ND	660		µg/Kg	1	2/16/2022 02:14 AM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Butylbenzylphthalate	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Chrysene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Di-n-butylphthalate	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Di-n-octylphthalate	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Dibenz(a,h)anthracene	ND	200		µg/Kg	1	2/16/2022 02:14 AM
Dibenzofuran	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Diethylphthalate	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Dimethylphthalate	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Fluoranthene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Fluorene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Hexachlorobenzene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Hexachlorocyclopentadiene	ND	660		µg/Kg	1	2/16/2022 02:14 AM
Hexachloroethane	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Isophorone	ND	330		µg/Kg	1	2/16/2022 02:14 AM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	2/16/2022 02:14 AM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Naphthalene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Nitrobenzene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Pentachlorophenol	ND	1700		µg/Kg	1	2/16/2022 02:14 AM
Phenanthrene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Phenol	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Pyrene	ND	330		µg/Kg	1	2/16/2022 02:14 AM
Pyridine	ND	1700		µg/Kg	1	2/16/2022 02:14 AM
Surr: 1,2-Dichlorobenzene-d4	57.3	23-120		%REC	1	2/16/2022 02:14 AM
Surr: 2,4,6-Tribromophenol	54.5	16-120		%REC	1	2/16/2022 02:14 AM
Surr: 2-Chlorophenol-d4	61.0	25-120		%REC	1	2/16/2022 02:14 AM
Surr: 2-Fluorobiphenyl	59.8	25-120		%REC	1	2/16/2022 02:14 AM
Surr: 2-Fluorophenol	64.9	24-120		%REC	1	2/16/2022 02:14 AM
Surr: 4-Terphenyl-d14	71.9	19-123		%REC	1	2/16/2022 02:14 AM
Surr: Nitrobenzene-d5	60.4	17-120		%REC	1	2/16/2022 02:14 AM

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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-011

Client Sample ID: B2-20
Collection Date: 2/2/2022 2:51:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C QC Batch: 91460 PrepDate: 2/14/2022 Analyst: **PL**
 Surr: Phenol-d5 62.9 23-120 %REC 1 2/16/2022 02:14 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 07:03 AM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 07:03 AM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Print Date: 02-Mar-22

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Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-011

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Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 07:03 AM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 07:03 AM	
Surr: 1,2-Dichloroethane-d4	116	62-165	%REC	1	2/10/2022 07:03 AM	
Surr: 4-Bromofluorobenzene	102	71-125	%REC	1	2/10/2022 07:03 AM	
Surr: Dibromofluoromethane	108	74-143	%REC	1	2/10/2022 07:03 AM	
Surr: Toluene-d8	110	80-120	%REC	1	2/10/2022 07:03 AM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst:	PL
DRO	ND	10	mg/Kg	1	2/12/2022 03:03 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-011

Client Sample ID: B2-20
Collection Date: 2/2/2022 2:51:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220211A	QC Batch: 91401				PrepDate: 2/9/2022	Analyst: PL
ORO	ND	10		mg/Kg	1	2/12/2022 03:03 AM
Surr: p-Terphenyl	90.2	46-158		%REC	1	2/12/2022 03:03 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 07:20 PM
Surr: Chlorobenzene - d5	98.1	54-144		%REC	1	2/8/2022 07:20 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 04:07 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	1.0	1.0		mg/Kg	1	2/8/2022 10:16 PM
Barium	34	1.0		mg/Kg	1	2/8/2022 10:16 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 10:16 PM
Chromium	6.8	1.0		mg/Kg	1	2/8/2022 10:16 PM
Lead	1.8	1.0		mg/Kg	1	2/8/2022 10:16 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 10:16 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 10:16 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-012

Client Sample ID: B2-25
Collection Date: 2/2/2022 3:03:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 07:30 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 07:30 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-012

Client Sample ID: B2-25
Collection Date: 2/2/2022 3:03:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 07:30 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 07:30 AM
Surr: 1,2-Dichloroethane-d4	116	62-165	%REC	1	2/10/2022 07:30 AM
Surr: 4-Bromofluorobenzene	96.3	71-125	%REC	1	2/10/2022 07:30 AM
Surr: Dibromofluoromethane	112	74-143	%REC	1	2/10/2022 07:30 AM
Surr: Toluene-d8	111	80-120	%REC	1	2/10/2022 07:30 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst: PL
DRO	ND	10	mg/Kg	1	2/12/2022 03:33 AM	
ORO	ND	10	mg/Kg	1	2/12/2022 03:33 AM	
Surr: p-Terphenyl	87.0	46-158	%REC	1	2/12/2022 03:33 AM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-012

Client Sample ID: B2-25
Collection Date: 2/2/2022 3:03:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 07:52 PM
Surr: Chlorobenzene - d5	89.1	54-144		%REC	1	2/8/2022 07:52 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471A						
RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.099		mg/Kg	1	2/8/2022 04:10 PM
TOTAL METALS BY ICP						
EPA 3050B						
RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	1.8	1.0		mg/Kg	1	2/8/2022 10:22 PM
Barium	37	1.0		mg/Kg	1	2/8/2022 10:22 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 10:22 PM
Chromium	4.3	1.0		mg/Kg	1	2/8/2022 10:22 PM
Lead	1.9	1.0		mg/Kg	1	2/8/2022 10:22 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 10:22 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 10:22 PM
EPA 6010B						

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-013

Client Sample ID: B2-30
Collection Date: 2/2/2022 3:16:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 07:57 AM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 07:57 AM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-013

Client Sample ID: B2-30
Collection Date: 2/2/2022 3:16:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 07:57 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 07:57 AM
Surr: 1,2-Dichloroethane-d4	119	62-165	%REC	1	2/10/2022 07:57 AM
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 07:57 AM
Surr: Dibromofluoromethane	107	74-143	%REC	1	2/10/2022 07:57 AM
Surr: Toluene-d8	110	80-120	%REC	1	2/10/2022 07:57 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst: PL
DRO	ND	10	mg/Kg	1	2/12/2022 04:03 AM	
ORO	ND	10	mg/Kg	1	2/12/2022 04:03 AM	
Surr: p-Terphenyl	87.1	46-158	%REC	1	2/12/2022 04:03 AM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-013

Client Sample ID: B2-30
Collection Date: 2/2/2022 3:16:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 08:24 PM
Surr: Chlorobenzene - d5	90.8	54-144	%REC	1	2/8/2022 08:24 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 04:13 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	2.4	1.0	mg/Kg	1	2/8/2022 10:28 PM
Barium	25	1.0	mg/Kg	1	2/8/2022 10:28 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 10:28 PM
Chromium	3.8	1.0	mg/Kg	1	2/8/2022 10:28 PM
Lead	1.9	1.0	mg/Kg	1	2/8/2022 10:28 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 10:28 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 10:28 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-014

Client Sample ID: B2-40
Collection Date: 2/2/2022 3:57:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 08:24 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 08:24 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-014

Client Sample ID: B2-40
Collection Date: 2/2/2022 3:57:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 08:24 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 08:24 AM
Surr: 1,2-Dichloroethane-d4	113	62-165	%REC	1	2/10/2022 08:24 AM
Surr: 4-Bromofluorobenzene	102	71-125	%REC	1	2/10/2022 08:24 AM
Surr: Dibromofluoromethane	115	74-143	%REC	1	2/10/2022 08:24 AM
Surr: Toluene-d8	104	80-120	%REC	1	2/10/2022 08:24 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst: PL
DRO	ND	10	mg/Kg	1	2/12/2022 04:33 AM	
ORO	13	10	mg/Kg	1	2/12/2022 04:33 AM	
Surr: p-Terphenyl	85.6	46-158	%REC	1	2/12/2022 04:33 AM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-014

Client Sample ID: B2-40
Collection Date: 2/2/2022 3:57:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 08:57 PM
Surr: Chlorobenzene - d5	92.9	54-144	%REC	1	2/8/2022 08:57 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 04:17 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.0	1.0	mg/Kg	1	2/8/2022 10:33 PM
Barium	32	1.0	mg/Kg	1	2/8/2022 10:33 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 10:33 PM
Chromium	19	1.0	mg/Kg	1	2/8/2022 10:33 PM
Lead	1.7	1.0	mg/Kg	1	2/8/2022 10:33 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 10:33 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 10:33 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-015

Client Sample ID: B2-45
Collection Date: 2/2/2022 4:22:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
	EPA 3546		EPA 8270C			
RunID: NV00922-MS3_220215C	QC Batch: 91460				PrepDate: 2/14/2022	Analyst: PL
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2,4-Dichlorophenol	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
2,4-Dimethylphenol	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2,4-Dinitrophenol	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2-Chloronaphthalene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2-Chlorophenol	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2-Methylnaphthalene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2-Methylphenol	ND	330		µg/Kg	1	2/16/2022 02:40 AM
2-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
2-Nitrophenol	ND	330		µg/Kg	1	2/16/2022 02:40 AM
3,3'-Dichlorobenzidine	ND	660		µg/Kg	1	2/16/2022 02:40 AM
3-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
4,6-Dinitro-2-methylphenol	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
4-Bromophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 02:40 AM
4-Chloro-3-methylphenol	ND	660		µg/Kg	1	2/16/2022 02:40 AM
4-Chloroaniline	ND	660		µg/Kg	1	2/16/2022 02:40 AM
4-Chlorophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 02:40 AM
4-Methylphenol	ND	330		µg/Kg	1	2/16/2022 02:40 AM
4-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
4-Nitrophenol	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
Acenaphthene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Acenaphthylene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Anthracene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Benzo(a)anthracene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Benzo(a)pyrene	ND	200		µg/Kg	1	2/16/2022 02:40 AM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Benzoic acid	ND	1700		µg/Kg	1	2/16/2022 02:40 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B2-45
Lab Order:	N049329	Collection Date:	2/2/2022 4:22:00 PM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-015		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 3546			EPA 8270C			
RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst: PL
Benzyl alcohol	ND	660		µg/Kg	1	2/16/2022 02:40 AM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Butylbenzylphthalate	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Chrysene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Di-n-butylphthalate	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Di-n-octylphthalate	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Dibenz(a,h)anthracene	ND	200		µg/Kg	1	2/16/2022 02:40 AM
Dibenzofuran	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Diethylphthalate	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Dimethylphthalate	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Fluoranthene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Fluorene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Hexachlorobenzene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Hexachlorocyclopentadiene	ND	660		µg/Kg	1	2/16/2022 02:40 AM
Hexachloroethane	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Isophorone	ND	330		µg/Kg	1	2/16/2022 02:40 AM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	2/16/2022 02:40 AM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Naphthalene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Nitrobenzene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Pentachlorophenol	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
Phenanthrene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Phenol	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Pyrene	ND	330		µg/Kg	1	2/16/2022 02:40 AM
Pyridine	ND	1700		µg/Kg	1	2/16/2022 02:40 AM
Surr: 1,2-Dichlorobenzene-d4	67.2	23-120		%REC	1	2/16/2022 02:40 AM
Surr: 2,4,6-Tribromophenol	68.0	16-120		%REC	1	2/16/2022 02:40 AM
Surr: 2-Chlorophenol-d4	71.6	25-120		%REC	1	2/16/2022 02:40 AM
Surr: 2-Fluorobiphenyl	70.0	25-120		%REC	1	2/16/2022 02:40 AM
Surr: 2-Fluorophenol	76.2	24-120		%REC	1	2/16/2022 02:40 AM
Surr: 4-Terphenyl-d14	84.2	19-123		%REC	1	2/16/2022 02:40 AM
Surr: Nitrobenzene-d5	70.7	17-120		%REC	1	2/16/2022 02:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-015

Client Sample ID: B2-45
Collection Date: 2/2/2022 4:22:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C QC Batch: 91460 PrepDate: 2/14/2022 Analyst: **PL**
 Surr: Phenol-d5 73.4 23-120 %REC 1 2/16/2022 02:40 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	P22VS014	PrepDate:	Analyst: DJ	
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 08:50 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 08:50 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-015

Client Sample ID: B2-45
Collection Date: 2/2/2022 4:22:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 08:50 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 08:50 AM
Surr: 1,2-Dichloroethane-d4	115	62-165	%REC	1	2/10/2022 08:50 AM
Surr: 4-Bromofluorobenzene	101	71-125	%REC	1	2/10/2022 08:50 AM
Surr: Dibromofluoromethane	114	74-143	%REC	1	2/10/2022 08:50 AM
Surr: Toluene-d8	111	80-120	%REC	1	2/10/2022 08:50 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst: PL
DRO	ND	10	mg/Kg	1	2/12/2022 05:02 AM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-015

Client Sample ID: B2-45
Collection Date: 2/2/2022 4:22:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220211A	QC Batch: 91401				PrepDate: 2/9/2022	Analyst: PL
ORO	ND	10		mg/Kg	1	2/12/2022 05:02 AM
Surr: p-Terphenyl	83.9	46-158		%REC	1	2/12/2022 05:02 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 09:29 PM
Surr: Chlorobenzene - d5	95.2	54-144		%REC	1	2/8/2022 09:29 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.099		mg/Kg	1	2/8/2022 04:20 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	2.9	1.0		mg/Kg	1	2/8/2022 11:00 PM
Barium	52	1.0		mg/Kg	1	2/8/2022 11:00 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 11:00 PM
Chromium	16	1.0		mg/Kg	1	2/8/2022 11:00 PM
Lead	2.9	1.0		mg/Kg	1	2/8/2022 11:00 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 11:00 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 11:00 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-016

Client Sample ID: B3-5
Collection Date: 2/3/2022 9:25:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 09:17 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 09:17 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-016

Client Sample ID: B3-5
Collection Date: 2/3/2022 9:25:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 09:17 AM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 09:17 AM	
Surr: 1,2-Dichloroethane-d4	113	62-165	%REC	1	2/10/2022 09:17 AM	
Surr: 4-Bromofluorobenzene	99.9	71-125	%REC	1	2/10/2022 09:17 AM	
Surr: Dibromofluoromethane	115	74-143	%REC	1	2/10/2022 09:17 AM	
Surr: Toluene-d8	108	80-120	%REC	1	2/10/2022 09:17 AM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220211A	QC Batch:	91401	PrepDate:	2/9/2022	Analyst:	PL
DRO	58	10	mg/Kg	1	2/12/2022 05:32 AM		
ORO	100	10	mg/Kg	1	2/12/2022 05:32 AM		
Surr: p-Terphenyl	85.4	46-158	%REC	1	2/12/2022 05:32 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-016

Client Sample ID: B3-5
Collection Date: 2/3/2022 9:25:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 10:01 PM
Surr: Chlorobenzene - d5	89.6	54-144	%REC	1	2/8/2022 10:01 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 04:24 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	ND	1.0	mg/Kg	1	2/8/2022 11:06 PM
Barium	66	1.0	mg/Kg	1	2/8/2022 11:06 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 11:06 PM
Chromium	16	1.0	mg/Kg	1	2/8/2022 11:06 PM
Lead	2.3	1.0	mg/Kg	1	2/8/2022 11:06 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 11:06 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 11:06 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-017

Client Sample ID: B3-10
Collection Date: 2/3/2022 9:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 09:44 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 09:44 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-017

Client Sample ID: B3-10
Collection Date: 2/3/2022 9:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220209B	QC Batch:	P22VS014	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 09:44 AM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 09:44 AM
Surr: 1,2-Dichloroethane-d4	119	62-165	%REC	1	2/10/2022 09:44 AM
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 09:44 AM
Surr: Dibromofluoromethane	115	74-143	%REC	1	2/10/2022 09:44 AM
Surr: Toluene-d8	108	80-120	%REC	1	2/10/2022 09:44 AM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst: MCC
DRO	ND	10	mg/Kg	1	2/13/2022 05:11 PM	
ORO	ND	10	mg/Kg	1	2/13/2022 05:11 PM	
Surr: p-Terphenyl	88.5	46-158	%REC	1	2/13/2022 05:11 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-017

Client Sample ID: B3-10
Collection Date: 2/3/2022 9:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 10:33 PM
Surr: Chlorobenzene - d5	90.8	54-144	%REC	1	2/8/2022 10:33 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate:	2/8/2022	Analyst: DJ	
Mercury	ND	0.099	mg/Kg	1	2/8/2022 04:27 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate:	2/8/2022	Analyst: DJ	
Arsenic	4.0	1.0	mg/Kg	1	2/8/2022 11:12 PM
Barium	49	1.0	mg/Kg	1	2/8/2022 11:12 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 11:12 PM
Chromium	12	1.0	mg/Kg	1	2/8/2022 11:12 PM
Lead	3.9	1.0	mg/Kg	1	2/8/2022 11:12 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 11:12 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 11:12 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-018

Client Sample ID: B3-15
Collection Date: 2/3/2022 9:44:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 02:45 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 02:45 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-018

Client Sample ID: B3-15
Collection Date: 2/3/2022 9:44:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 02:45 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 02:45 PM	
Surr: 1,2-Dichloroethane-d4	114	62-165	%REC	1	2/10/2022 02:45 PM	
Surr: 4-Bromofluorobenzene	105	71-125	%REC	1	2/10/2022 02:45 PM	
Surr: Dibromofluoromethane	117	74-143	%REC	1	2/10/2022 02:45 PM	
Surr: Toluene-d8	110	80-120	%REC	1	2/10/2022 02:45 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 07:10 PM		
ORO	16	10	mg/Kg	1	2/14/2022 07:10 PM		
Surr: p-Terphenyl	115	46-158	%REC	1	2/14/2022 07:10 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-018

Client Sample ID: B3-15
Collection Date: 2/3/2022 9:44:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 11:05 PM
Surr: Chlorobenzene - d5	91.5	54-144		%REC	1	2/8/2022 11:05 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471A						
RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 04:30 PM
TOTAL METALS BY ICP						
EPA 3050B						
RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	ND	1.0		mg/Kg	1	2/8/2022 11:18 PM
Barium	35	1.0		mg/Kg	1	2/8/2022 11:18 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 11:18 PM
Chromium	13	1.0		mg/Kg	1	2/8/2022 11:18 PM
Lead	2.1	1.0		mg/Kg	1	2/8/2022 11:18 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 11:18 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 11:18 PM
EPA 6010B						

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-019

Client Sample ID: B3-20
Collection Date: 2/3/2022 9:56:00 AM
Matrix: SOIL

Analyses Result PQL Qual Units DF Date Analyzed

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst:	PL
1,2,4-Trichlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
1,2-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
1,3-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
1,4-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2,4,5-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2,4,6-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2,4-Dichlorophenol	ND	1600	µg/Kg	1	2/16/2022 03:05 AM		
2,4-Dimethylphenol	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2,4-Dinitrophenol	ND	1600	µg/Kg	1	2/16/2022 03:05 AM		
2,4-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2,6-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2-Chloronaphthalene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2-Chlorophenol	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2-Methylnaphthalene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2-Methylphenol	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
2-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 03:05 AM		
2-Nitrophenol	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
3,3'-Dichlorobenzidine	ND	660	µg/Kg	1	2/16/2022 03:05 AM		
3-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 03:05 AM		
4,6-Dinitro-2-methylphenol	ND	1600	µg/Kg	1	2/16/2022 03:05 AM		
4-Bromophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
4-Chloro-3-methylphenol	ND	660	µg/Kg	1	2/16/2022 03:05 AM		
4-Chloroaniline	ND	660	µg/Kg	1	2/16/2022 03:05 AM		
4-Chlorophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
4-Methylphenol	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
4-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 03:05 AM		
4-Nitrophenol	ND	1600	µg/Kg	1	2/16/2022 03:05 AM		
Acenaphthene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
Acenaphthylene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
Anthracene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
Benzo(a)anthracene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
Benzo(a)pyrene	ND	200	µg/Kg	1	2/16/2022 03:05 AM		
Benzo(b)fluoranthene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
Benzo(g,h,i)perylene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
Benzo(k)fluoranthene	ND	330	µg/Kg	1	2/16/2022 03:05 AM		
Benzoic acid	ND	1600	µg/Kg	1	2/16/2022 03:05 AM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B3-20
Lab Order:	N049329	Collection Date:	2/3/2022 9:56:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-019		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546		EPA 8270C				
RunID:	QC Batch:	PrepDate:				
NV00922-MS3_220215C	91460	2/14/2022	Analyst: PL			
Benzyl alcohol	ND	660	µg/Kg	1	2/16/2022 03:05 AM	
Bis(2-chloroethoxy)methane	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Bis(2-chloroethyl)ether	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Bis(2-chloroisopropyl)ether	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Bis(2-ethylhexyl)phthalate	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Butylbenzylphthalate	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Chrysene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Di-n-butylphthalate	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Di-n-octylphthalate	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Dibenz(a,h)anthracene	ND	200	µg/Kg	1	2/16/2022 03:05 AM	
Dibenzofuran	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Diethylphthalate	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Dimethylphthalate	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Fluoranthene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Fluorene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Hexachlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Hexachlorocyclopentadiene	ND	660	µg/Kg	1	2/16/2022 03:05 AM	
Hexachloroethane	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Isophorone	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
N-Nitrosodi-n-propylamine	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
N-Nitrosodiphenylamine	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Naphthalene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Nitrobenzene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Pentachlorophenol	ND	1600	µg/Kg	1	2/16/2022 03:05 AM	
Phenanthrene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Phenol	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Pyrene	ND	330	µg/Kg	1	2/16/2022 03:05 AM	
Pyridine	ND	1600	µg/Kg	1	2/16/2022 03:05 AM	
Surr: 1,2-Dichlorobenzene-d4	48.9	23-120	%REC	1	2/16/2022 03:05 AM	
Surr: 2,4,6-Tribromophenol	40.6	16-120	%REC	1	2/16/2022 03:05 AM	
Surr: 2-Chlorophenol-d4	50.8	25-120	%REC	1	2/16/2022 03:05 AM	
Surr: 2-Fluorobiphenyl	49.4	25-120	%REC	1	2/16/2022 03:05 AM	
Surr: 2-Fluorophenol	53.6	24-120	%REC	1	2/16/2022 03:05 AM	
Surr: 4-Terphenyl-d14	57.7	19-123	%REC	1	2/16/2022 03:05 AM	
Surr: Nitrobenzene-d5	51.8	17-120	%REC	1	2/16/2022 03:05 AM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-019

Client Sample ID: B3-20
Collection Date: 2/3/2022 9:56:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C QC Batch: 91460 PrepDate: 2/14/2022 Analyst: **PL**
 Surr: Phenol-d5 51.1 23-120 %REC 1 2/16/2022 03:05 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	P22VS016	PrepDate:	Analyst: QBM	
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 03:11 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 03:11 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-019

Client Sample ID: B3-20
Collection Date: 2/3/2022 9:56:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 03:11 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 03:11 PM	
Surr: 1,2-Dichloroethane-d4	112	62-165	%REC	1	2/10/2022 03:11 PM	
Surr: 4-Bromofluorobenzene	98.9	71-125	%REC	1	2/10/2022 03:11 PM	
Surr: Dibromofluoromethane	111	74-143	%REC	1	2/10/2022 03:11 PM	
Surr: Toluene-d8	107	80-120	%REC	1	2/10/2022 03:11 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_220213B	QC Batch:	91468	PrepDate:	2/14/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 03:11 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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Print Date: 02-Mar-22

CLIENT: The Westmark Group
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Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-019

Client Sample ID: B3-20
Collection Date: 2/3/2022 9:56:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220213B	QC Batch: 91468				PrepDate: 2/14/2022	Analyst: MCC
ORO	ND	10		mg/Kg	1	2/14/2022 03:11 PM
Surr: p-Terphenyl	109	46-158		%REC	1	2/14/2022 03:11 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 11:38 PM
Surr: Chlorobenzene - d5	91.5	54-144		%REC	1	2/8/2022 11:38 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.099		mg/Kg	1	2/8/2022 04:44 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	1.4	1.0		mg/Kg	1	2/8/2022 11:24 PM
Barium	27	1.0		mg/Kg	1	2/8/2022 11:24 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 11:24 PM
Chromium	7.5	1.0		mg/Kg	1	2/8/2022 11:24 PM
Lead	1.6	1.0		mg/Kg	1	2/8/2022 11:24 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 11:24 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 11:24 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-020

Client Sample ID: B3-25
Collection Date: 2/3/2022 10:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 03:38 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 03:38 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-020

Client Sample ID: B3-25
Collection Date: 2/3/2022 10:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 03:38 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 03:38 PM	
Surr: 1,2-Dichloroethane-d4	113	62-165	%REC	1	2/10/2022 03:38 PM	
Surr: 4-Bromofluorobenzene	102	71-125	%REC	1	2/10/2022 03:38 PM	
Surr: Dibromofluoromethane	115	74-143	%REC	1	2/10/2022 03:38 PM	
Surr: Toluene-d8	109	80-120	%REC	1	2/10/2022 03:38 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	19	10	mg/Kg	1	2/14/2022 07:42 PM		
ORO	35	10	mg/Kg	1	2/14/2022 07:42 PM		
Surr: p-Terphenyl	119	46-158	%REC	1	2/14/2022 07:42 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-020

Client Sample ID: B3-25
Collection Date: 2/3/2022 10:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220208A	QC Batch: Q22VS024	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 12:10 AM
Surr: Chlorobenzene - d5	87.7	54-144	%REC	1	2/9/2022 12:10 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91398	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 04:44 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91395	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.8	1.0	mg/Kg	1	2/8/2022 11:29 PM
Barium	33	1.0	mg/Kg	1	2/8/2022 11:29 PM
Cadmium	ND	1.0	mg/Kg	1	2/8/2022 11:29 PM
Chromium	7.3	1.0	mg/Kg	1	2/8/2022 11:29 PM
Lead	1.8	1.0	mg/Kg	1	2/8/2022 11:29 PM
Selenium	ND	1.0	mg/Kg	1	2/8/2022 11:29 PM
Silver	ND	1.0	mg/Kg	1	2/8/2022 11:29 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-021

Client Sample ID: B3-30
Collection Date: 2/3/2022 10:27:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 02:18 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 02:18 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-021

Client Sample ID: B3-30
Collection Date: 2/3/2022 10:27:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 02:18 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 02:18 PM	
Surr: 1,2-Dichloroethane-d4	112	62-165	%REC	1	2/10/2022 02:18 PM	
Surr: 4-Bromofluorobenzene	104	71-125	%REC	1	2/10/2022 02:18 PM	
Surr: Dibromofluoromethane	110	74-143	%REC	1	2/10/2022 02:18 PM	
Surr: Toluene-d8	114	80-120	%REC	1	2/10/2022 02:18 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/13/2022 07:21 PM		
ORO	ND	10	mg/Kg	1	2/13/2022 07:21 PM		
Surr: p-Terphenyl	107	46-158	%REC	1	2/13/2022 07:21 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-021

Client Sample ID: B3-30
Collection Date: 2/3/2022 10:27:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC4_220208B	QC Batch: E22VS009				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/8/2022 10:38 PM
Surr: Chlorobenzene - d5	144	54-144	S	%REC	1	2/8/2022 10:38 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471A						
RunID: NV00922-AA2_220208A	QC Batch: 91399				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.099		mg/Kg	1	2/8/2022 05:10 PM
TOTAL METALS BY ICP						
EPA 3050B						
RunID: NV00922-ICP2_220208D	QC Batch: 91396				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	4.9	1.0		mg/Kg	1	2/8/2022 11:44 PM
Barium	100	1.0		mg/Kg	1	2/8/2022 11:44 PM
Cadmium	ND	1.0		mg/Kg	1	2/8/2022 11:44 PM
Chromium	18	1.0		mg/Kg	1	2/8/2022 11:44 PM
Lead	4.2	1.0		mg/Kg	1	2/8/2022 11:44 PM
Selenium	ND	1.0		mg/Kg	1	2/8/2022 11:44 PM
Silver	ND	1.0		mg/Kg	1	2/8/2022 11:44 PM
EPA 6010B						

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-022

Client Sample ID: B3-35
Collection Date: 2/3/2022 10:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 04:05 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 04:05 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-022

Client Sample ID: B3-35
Collection Date: 2/3/2022 10:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 04:05 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 04:05 PM	
Surr: 1,2-Dichloroethane-d4	105	62-165	%REC	1	2/10/2022 04:05 PM	
Surr: 4-Bromofluorobenzene	101	71-125	%REC	1	2/10/2022 04:05 PM	
Surr: Dibromofluoromethane	112	74-143	%REC	1	2/10/2022 04:05 PM	
Surr: Toluene-d8	114	80-120	%REC	1	2/10/2022 04:05 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	15	10	mg/Kg	1	2/14/2022 08:14 PM		
ORO	24	10	mg/Kg	1	2/14/2022 08:14 PM		
Surr: p-Terphenyl	120	46-158	%REC	1	2/14/2022 08:14 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-022

Client Sample ID: B3-35
Collection Date: 2/3/2022 10:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 11:09 PM
Surr: Chlorobenzene - d5	143	54-144	%REC	1	2/8/2022 11:09 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 05:13 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	4.3	1.0	mg/Kg	1	2/9/2022 12:23 AM
Barium	46	1.0	mg/Kg	1	2/9/2022 12:23 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 12:23 AM
Chromium	9.6	1.0	mg/Kg	1	2/9/2022 12:23 AM
Lead	3.9	1.0	mg/Kg	1	2/9/2022 12:23 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 12:23 AM
Silver	ND	1.0	mg/Kg	1	2/9/2022 12:23 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-023

Client Sample ID: B3-40
Collection Date: 2/3/2022 11:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 04:32 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 04:32 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-023

Client Sample ID: B3-40
Collection Date: 2/3/2022 11:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 04:32 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 04:32 PM	
Surr: 1,2-Dichloroethane-d4	111	62-165	%REC	1	2/10/2022 04:32 PM	
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 04:32 PM	
Surr: Dibromofluoromethane	118	74-143	%REC	1	2/10/2022 04:32 PM	
Surr: Toluene-d8	109	80-120	%REC	1	2/10/2022 04:32 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/13/2022 08:25 PM		
ORO	ND	10	mg/Kg	1	2/13/2022 08:25 PM		
Surr: p-Terphenyl	104	46-158	%REC	1	2/13/2022 08:25 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-023

Client Sample ID: B3-40
Collection Date: 2/3/2022 11:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/8/2022 11:39 PM
Surr: Chlorobenzene - d5	135	54-144	%REC	1	2/8/2022 11:39 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 05:53 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.1	1.0	mg/Kg	1	2/9/2022 12:28 AM
Barium	49	1.0	mg/Kg	1	2/9/2022 12:28 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 12:28 AM
Chromium	7.2	1.0	mg/Kg	1	2/9/2022 12:28 AM
Lead	2.2	1.0	mg/Kg	1	2/9/2022 12:28 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 12:28 AM
Silver	ND	1.0	mg/Kg	1	2/9/2022 12:28 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B3-45
Lab Order:	N049329	Collection Date:	2/3/2022 11:30:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-024		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 3546			EPA 8270C			
RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst: PL
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2,4-Dichlorophenol	ND	1600		µg/Kg	1	2/16/2022 03:31 AM
2,4-Dimethylphenol	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2,4-Dinitrophenol	ND	1600		µg/Kg	1	2/16/2022 03:31 AM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2-Chloronaphthalene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2-Chlorophenol	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2-Methylnaphthalene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2-Methylphenol	ND	330		µg/Kg	1	2/16/2022 03:31 AM
2-Nitroaniline	ND	1600		µg/Kg	1	2/16/2022 03:31 AM
2-Nitrophenol	ND	330		µg/Kg	1	2/16/2022 03:31 AM
3,3'-Dichlorobenzidine	ND	660		µg/Kg	1	2/16/2022 03:31 AM
3-Nitroaniline	ND	1600		µg/Kg	1	2/16/2022 03:31 AM
4,6-Dinitro-2-methylphenol	ND	1600		µg/Kg	1	2/16/2022 03:31 AM
4-Bromophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 03:31 AM
4-Chloro-3-methylphenol	ND	660		µg/Kg	1	2/16/2022 03:31 AM
4-Chloroaniline	ND	660		µg/Kg	1	2/16/2022 03:31 AM
4-Chlorophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 03:31 AM
4-Methylphenol	ND	330		µg/Kg	1	2/16/2022 03:31 AM
4-Nitroaniline	ND	1600		µg/Kg	1	2/16/2022 03:31 AM
4-Nitrophenol	ND	1600		µg/Kg	1	2/16/2022 03:31 AM
Acenaphthene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
Acenaphthylene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
Anthracene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
Benzo(a)anthracene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
Benzo(a)pyrene	ND	200		µg/Kg	1	2/16/2022 03:31 AM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	2/16/2022 03:31 AM
Benzoic acid	ND	1600		µg/Kg	1	2/16/2022 03:31 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B3-45
Lab Order:	N049329	Collection Date:	2/3/2022 11:30:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-024		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546		EPA 8270C			
RunID: NV00922-MS3_220215C	QC Batch: 91460	PrepDate:	2/14/2022		
		Analyst:	PL		
Benzyl alcohol	ND	660	µg/Kg	1	2/16/2022 03:31 AM
Bis(2-chloroethoxy)methane	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Bis(2-chloroethyl)ether	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Bis(2-chloroisopropyl)ether	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Bis(2-ethylhexyl)phthalate	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Butylbenzylphthalate	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Chrysene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Di-n-butylphthalate	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Di-n-octylphthalate	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Dibenz(a,h)anthracene	ND	200	µg/Kg	1	2/16/2022 03:31 AM
Dibenzofuran	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Diethylphthalate	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Dimethylphthalate	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Fluoranthene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Fluorene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Hexachlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Hexachlorocyclopentadiene	ND	660	µg/Kg	1	2/16/2022 03:31 AM
Hexachloroethane	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Isophorone	ND	330	µg/Kg	1	2/16/2022 03:31 AM
N-Nitrosodi-n-propylamine	ND	330	µg/Kg	1	2/16/2022 03:31 AM
N-Nitrosodiphenylamine	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Naphthalene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Nitrobenzene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Pentachlorophenol	ND	1600	µg/Kg	1	2/16/2022 03:31 AM
Phenanthrene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Phenol	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Pyrene	ND	330	µg/Kg	1	2/16/2022 03:31 AM
Pyridine	ND	1600	µg/Kg	1	2/16/2022 03:31 AM
Surr: 1,2-Dichlorobenzene-d4	62.0	23-120	%REC	1	2/16/2022 03:31 AM
Surr: 2,4,6-Tribromophenol	58.9	16-120	%REC	1	2/16/2022 03:31 AM
Surr: 2-Chlorophenol-d4	65.3	25-120	%REC	1	2/16/2022 03:31 AM
Surr: 2-Fluorobiphenyl	64.0	25-120	%REC	1	2/16/2022 03:31 AM
Surr: 2-Fluorophenol	69.3	24-120	%REC	1	2/16/2022 03:31 AM
Surr: 4-Terphenyl-d14	75.4	19-123	%REC	1	2/16/2022 03:31 AM
Surr: Nitrobenzene-d5	63.8	17-120	%REC	1	2/16/2022 03:31 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-024

Client Sample ID: B3-45
Collection Date: 2/3/2022 11:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C QC Batch: 91460 PrepDate: 2/14/2022 Analyst: **PL**
 Surr: Phenol-d5 67.1 23-120 %REC 1 2/16/2022 03:31 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	P22VS016	PrepDate:	Analyst: QBM	
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 04:58 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 04:58 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-024

Client Sample ID: B3-45
Collection Date: 2/3/2022 11:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 04:58 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 04:58 PM	
Surr: 1,2-Dichloroethane-d4	115	62-165	%REC	1	2/10/2022 04:58 PM	
Surr: 4-Bromofluorobenzene	100	71-125	%REC	1	2/10/2022 04:58 PM	
Surr: Dibromofluoromethane	117	74-143	%REC	1	2/10/2022 04:58 PM	
Surr: Toluene-d8	113	80-120	%REC	1	2/10/2022 04:58 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 08:46 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-024

Client Sample ID: B3-45
Collection Date: 2/3/2022 11:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC3_220213A	QC Batch: 91431				PrepDate: 2/10/2022	Analyst: MCC
ORO	12	10		mg/Kg	1	2/14/2022 08:46 PM
Surr: p-Terphenyl	116	46-158		%REC	1	2/14/2022 08:46 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/9/2022 12:10 AM
Surr: Chlorobenzene - d5	131	54-144		%REC	1	2/9/2022 12:10 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 05:56 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	2.7	1.0		mg/Kg	1	2/9/2022 12:34 AM
Barium	41	1.0		mg/Kg	1	2/9/2022 12:34 AM
Cadmium	ND	1.0		mg/Kg	1	2/9/2022 12:34 AM
Chromium	8.6	1.0		mg/Kg	1	2/9/2022 12:34 AM
Lead	1.8	1.0		mg/Kg	1	2/9/2022 12:34 AM
Selenium	ND	1.0		mg/Kg	1	2/9/2022 12:34 AM
Silver	ND	1.0		mg/Kg	1	2/9/2022 12:34 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-025

Client Sample ID: B4-5
Collection Date: 2/3/2022 12:31:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/12/2022 03:42 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
2-Butanone	ND	50	µg/Kg	1	2/12/2022 03:42 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Benzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Bromoform	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Bromomethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Chloroethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Chloroform	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
Chloromethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-025

Client Sample ID: B4-5
Collection Date: 2/3/2022 12:31:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Freon-113	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/12/2022 03:42 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
MTBE	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Styrene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Toluene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/12/2022 03:42 PM	
Surr: 1,2-Dichloroethane-d4	112	62-165	%REC	1	2/12/2022 03:42 PM	
Surr: 4-Bromofluorobenzene	104	71-125	%REC	1	2/12/2022 03:42 PM	
Surr: Dibromofluoromethane	119	74-143	%REC	1	2/12/2022 03:42 PM	
Surr: Toluene-d8	103	80-120	%REC	1	2/12/2022 03:42 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/13/2022 09:31 PM		
ORO	ND	10	mg/Kg	1	2/13/2022 09:31 PM		
Surr: p-Terphenyl	98.4	46-158	%REC	1	2/13/2022 09:31 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-025

Client Sample ID: B4-5
Collection Date: 2/3/2022 12:31:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 12:41 AM
Surr: Chlorobenzene - d5	132	54-144	%REC	1	2/9/2022 12:41 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.010	mg/Kg	1	2/8/2022 06:00 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.8	1.0	mg/Kg	1	2/9/2022 12:40 AM
Barium	29	1.0	mg/Kg	1	2/9/2022 12:40 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 12:40 AM
Chromium	3.8	1.0	mg/Kg	1	2/9/2022 12:40 AM
Lead	2.0	1.0	mg/Kg	1	2/9/2022 12:40 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 12:40 AM
Silver	ND	1.0	mg/Kg	1	2/9/2022 12:40 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-026

Client Sample ID: B4-10
Collection Date: 2/3/2022 1:25:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 05:51 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 05:51 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-026

Client Sample ID: B4-10
Collection Date: 2/3/2022 1:25:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 05:51 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 05:51 PM	
Surr: 1,2-Dichloroethane-d4	119	62-165	%REC	1	2/10/2022 05:51 PM	
Surr: 4-Bromofluorobenzene	106	71-125	%REC	1	2/10/2022 05:51 PM	
Surr: Dibromofluoromethane	123	74-143	%REC	1	2/10/2022 05:51 PM	
Surr: Toluene-d8	107	80-120	%REC	1	2/10/2022 05:51 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/13/2022 10:05 PM		
ORO	ND	10	mg/Kg	1	2/13/2022 10:05 PM		
Surr: p-Terphenyl	87.5	46-158	%REC	1	2/13/2022 10:05 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-026

Client Sample ID: B4-10
Collection Date: 2/3/2022 1:25:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 01:11 AM
Surr: Chlorobenzene - d5	139	54-144	%REC	1	2/9/2022 01:11 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 06:03 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	2.3	1.0	mg/Kg	1	2/9/2022 12:46 AM
Barium	35	1.0	mg/Kg	1	2/9/2022 12:46 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 12:46 AM
Chromium	5.6	1.0	mg/Kg	1	2/9/2022 12:46 AM
Lead	2.6	1.0	mg/Kg	1	2/9/2022 12:46 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 12:46 AM
Silver	ND	1.0	mg/Kg	1	2/9/2022 12:46 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-027

Client Sample ID: B4-15
Collection Date: 2/3/2022 1:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022	06:18 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
2-Butanone	ND	50	µg/Kg	1	2/10/2022	06:18 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Benzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022	06:18 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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 ELAP Cert 2676 | NV Cert NV00922
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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-027

Client Sample ID: B4-15
Collection Date: 2/3/2022 1:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 06:18 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 06:18 PM	
Surr: 1,2-Dichloroethane-d4	109	62-165	%REC	1	2/10/2022 06:18 PM	
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 06:18 PM	
Surr: Dibromofluoromethane	114	74-143	%REC	1	2/10/2022 06:18 PM	
Surr: Toluene-d8	114	80-120	%REC	1	2/10/2022 06:18 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 12:17 AM		
ORO	ND	10	mg/Kg	1	2/14/2022 12:17 AM		
Surr: p-Terphenyl	94.5	46-158	%REC	1	2/14/2022 12:17 AM		

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS
 Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-027

Client Sample ID: B4-15
Collection Date: 2/3/2022 1:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 01:42 AM
Surr: Chlorobenzene - d5	137	54-144	%REC	1	2/9/2022 01:42 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.099	mg/Kg	1	2/8/2022 06:07 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Antimony	ND	2.0	mg/Kg	1	2/9/2022 12:52 AM
Arsenic	3.7	1.0	mg/Kg	1	2/9/2022 12:52 AM
Barium	69	1.0	mg/Kg	1	2/9/2022 12:52 AM
Beryllium	ND	1.0	mg/Kg	1	2/9/2022 12:52 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 12:52 AM
Chromium	5.7	1.0	mg/Kg	1	2/9/2022 12:52 AM
Cobalt	5.1	1.0	mg/Kg	1	2/9/2022 12:52 AM
Copper	5.0	2.0	mg/Kg	1	2/9/2022 12:52 AM
Lead	2.9	1.0	mg/Kg	1	2/9/2022 12:52 AM
Molybdenum	ND	1.0	mg/Kg	1	2/9/2022 12:52 AM
Nickel	4.4	1.0	mg/Kg	1	2/9/2022 12:52 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 12:52 AM
Silver	ND	1.0	mg/Kg	1	2/9/2022 12:52 AM
Thallium	ND	2.0	mg/Kg	1	2/9/2022 12:52 AM
Vanadium	27	1.0	mg/Kg	1	2/9/2022 12:52 AM
Zinc	30	1.0	mg/Kg	1	2/11/2022 11:02 PM

Qualifiers:
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-028

Client Sample ID: B4-20
Collection Date: 2/3/2022 1:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst:	PL
1,2,4-Trichlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
1,2-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
1,3-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
1,4-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2,4,5-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2,4,6-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2,4-Dichlorophenol	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
2,4-Dimethylphenol	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2,4-Dinitrophenol	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
2,4-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2,6-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2-Chloronaphthalene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2-Chlorophenol	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2-Methylnaphthalene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2-Methylphenol	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
2-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
2-Nitrophenol	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
3,3'-Dichlorobenzidine	ND	660	µg/Kg	1	2/16/2022 03:56 AM		
3-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
4,6-Dinitro-2-methylphenol	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
4-Bromophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
4-Chloro-3-methylphenol	ND	660	µg/Kg	1	2/16/2022 03:56 AM		
4-Chloroaniline	ND	660	µg/Kg	1	2/16/2022 03:56 AM		
4-Chlorophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
4-Methylphenol	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
4-Nitroaniline	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
4-Nitrophenol	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
Acenaphthene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Acenaphthylene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Anthracene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Benzo(a)anthracene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Benzo(a)pyrene	ND	200	µg/Kg	1	2/16/2022 03:56 AM		
Benzo(b)fluoranthene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Benzo(g,h,i)perylene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Benzo(k)fluoranthene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Benzoic acid	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-028

Client Sample ID: B4-20
Collection Date: 2/3/2022 1:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst:	PL
Benzyl alcohol	ND	660	µg/Kg	1	2/16/2022 03:56 AM		
Bis(2-chloroethoxy)methane	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Bis(2-chloroethyl)ether	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Bis(2-chloroisopropyl)ether	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Bis(2-ethylhexyl)phthalate	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Butylbenzylphthalate	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Chrysene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Di-n-butylphthalate	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Di-n-octylphthalate	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Dibenz(a,h)anthracene	ND	200	µg/Kg	1	2/16/2022 03:56 AM		
Dibenzofuran	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Diethylphthalate	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Dimethylphthalate	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Fluoranthene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Fluorene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Hexachlorobenzene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Hexachlorocyclopentadiene	ND	660	µg/Kg	1	2/16/2022 03:56 AM		
Hexachloroethane	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Isophorone	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
N-Nitrosodi-n-propylamine	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
N-Nitrosodiphenylamine	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Naphthalene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Nitrobenzene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Pentachlorophenol	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
Phenanthrene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Phenol	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Pyrene	ND	330	µg/Kg	1	2/16/2022 03:56 AM		
Pyridine	ND	1600	µg/Kg	1	2/16/2022 03:56 AM		
Surr: 1,2-Dichlorobenzene-d4	58.4	23-120	%REC	1	2/16/2022 03:56 AM		
Surr: 2,4,6-Tribromophenol	52.4	16-120	%REC	1	2/16/2022 03:56 AM		
Surr: 2-Chlorophenol-d4	61.7	25-120	%REC	1	2/16/2022 03:56 AM		
Surr: 2-Fluorobiphenyl	60.6	25-120	%REC	1	2/16/2022 03:56 AM		
Surr: 2-Fluorophenol	66.7	24-120	%REC	1	2/16/2022 03:56 AM		
Surr: 4-Terphenyl-d14	73.9	19-123	%REC	1	2/16/2022 03:56 AM		
Surr: Nitrobenzene-d5	62.5	17-120	%REC	1	2/16/2022 03:56 AM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-028

Client Sample ID: B4-20
Collection Date: 2/3/2022 1:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C	QC Batch: 91460				PrepDate: 2/14/2022	Analyst: PL
Surr: Phenol-d5	64.1	23-120	%REC	1		2/16/2022 03:56 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220210A	QC Batch: P22VS016				PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1		2/10/2022 06:45 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
2-Butanone	ND	50	µg/Kg	1		2/10/2022 06:45 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
Benzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
Bromobenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
Bromodichloromethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
Bromoform	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
Bromomethane	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM
Chlorobenzene	ND	5.0	µg/Kg	1		2/10/2022 06:45 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B4-20
Lab Order:	N049329	Collection Date:	2/3/2022 1:56:00 PM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-028		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220210A	QC Batch: P22VS016	PrepDate:	Analyst: QBM		
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 06:45 PM
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
MTBE	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Styrene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Toluene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 06:45 PM
Surr: 1,2-Dichloroethane-d4	114	62-165	%REC	1	2/10/2022 06:45 PM
Surr: 4-Bromofluorobenzene	104	71-125	%REC	1	2/10/2022 06:45 PM
Surr: Dibromofluoromethane	121	74-143	%REC	1	2/10/2022 06:45 PM
Surr: Toluene-d8	112	80-120	%REC	1	2/10/2022 06:45 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC3_220213A	QC Batch: 91431	PrepDate: 2/10/2022	Analyst: MCC		
DRO	ND	10	mg/Kg	1	2/14/2022 12:50 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-028

Client Sample ID: B4-20
Collection Date: 2/3/2022 1:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC3_220213A	QC Batch: 91431				PrepDate: 2/10/2022	Analyst: MCC
ORO	13	10		mg/Kg	1	2/14/2022 12:50 AM
Surr: p-Terphenyl	92.3	46-158		%REC	1	2/14/2022 12:50 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/9/2022 02:13 AM
Surr: Chlorobenzene - d5	136	54-144		%REC	1	2/9/2022 02:13 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 06:10 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	ND	1.0		mg/Kg	1	2/9/2022 12:57 AM
Barium	27	1.0		mg/Kg	1	2/9/2022 12:57 AM
Cadmium	ND	1.0		mg/Kg	1	2/9/2022 12:57 AM
Chromium	4.3	1.0		mg/Kg	1	2/9/2022 12:57 AM
Lead	1.3	1.0		mg/Kg	1	2/9/2022 12:57 AM
Selenium	ND	1.0		mg/Kg	1	2/9/2022 12:57 AM
Silver	ND	1.0		mg/Kg	1	2/9/2022 12:57 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-029

Client Sample ID: B4-25
Collection Date: 2/3/2022 2:10:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 07:12 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 07:12 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-029

Client Sample ID: B4-25
Collection Date: 2/3/2022 2:10:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 07:12 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 07:12 PM	
Surr: 1,2-Dichloroethane-d4	116	62-165	%REC	1	2/10/2022 07:12 PM	
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 07:12 PM	
Surr: Dibromofluoromethane	111	74-143	%REC	1	2/10/2022 07:12 PM	
Surr: Toluene-d8	110	80-120	%REC	1	2/10/2022 07:12 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 01:23 AM		
ORO	ND	10	mg/Kg	1	2/14/2022 01:23 AM		
Surr: p-Terphenyl	96.3	46-158	%REC	1	2/14/2022 01:23 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-029

Client Sample ID: B4-25
Collection Date: 2/3/2022 2:10:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 03:13 AM
Surr: Chlorobenzene - d5	123	54-144	%REC	1	2/9/2022 03:13 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 06:13 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	4.9	1.0	mg/Kg	1	2/9/2022 01:52 AM
Barium	66	1.0	mg/Kg	1	2/9/2022 01:52 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 01:52 AM
Chromium	22	1.0	mg/Kg	1	2/9/2022 01:52 AM
Lead	4.1	1.0	mg/Kg	1	2/9/2022 01:52 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 01:52 AM
Silver	ND	1.0	mg/Kg	1	2/11/2022 11:12 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-030

Client Sample ID: B4-30
Collection Date: 2/3/2022 3:33:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 07:38 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 07:38 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-030

Client Sample ID: B4-30
Collection Date: 2/3/2022 3:33:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 07:38 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 07:38 PM	
Surr: 1,2-Dichloroethane-d4	116	62-165	%REC	1	2/10/2022 07:38 PM	
Surr: 4-Bromofluorobenzene	99.8	71-125	%REC	1	2/10/2022 07:38 PM	
Surr: Dibromofluoromethane	114	74-143	%REC	1	2/10/2022 07:38 PM	
Surr: Toluene-d8	109	80-120	%REC	1	2/10/2022 07:38 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 01:56 AM		
ORO	ND	10	mg/Kg	1	2/14/2022 01:56 AM		
Surr: p-Terphenyl	90.3	46-158	%REC	1	2/14/2022 01:56 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-030

Client Sample ID: B4-30
Collection Date: 2/3/2022 3:33:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 03:44 AM
Surr: Chlorobenzene - d5	131	54-144	%REC	1	2/9/2022 03:44 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 06:17 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	2.2	1.0	mg/Kg	1	2/9/2022 01:58 AM
Barium	30	1.0	mg/Kg	1	2/9/2022 01:58 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 01:58 AM
Chromium	5.6	1.0	mg/Kg	1	2/9/2022 01:58 AM
Lead	2.7	1.0	mg/Kg	1	2/9/2022 01:58 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 01:58 AM
Silver	ND	1.0	mg/Kg	1	2/11/2022 11:16 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-031

Client Sample ID: B4-35
Collection Date: 2/3/2022 3:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst:	DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/12/2022 04:09 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
2-Butanone	ND	50	µg/Kg	1	2/12/2022 04:09 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Benzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Bromoform	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Chloroform	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-031

Client Sample ID: B4-35
Collection Date: 2/3/2022 3:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Freon-113	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/12/2022 04:09 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
MTBE	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Styrene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Toluene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/12/2022 04:09 PM	
Surr: 1,2-Dichloroethane-d4	107	62-165	%REC	1	2/12/2022 04:09 PM	
Surr: 4-Bromofluorobenzene	102	71-125	%REC	1	2/12/2022 04:09 PM	
Surr: Dibromofluoromethane	114	74-143	%REC	1	2/12/2022 04:09 PM	
Surr: Toluene-d8	107	80-120	%REC	1	2/12/2022 04:09 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 02:29 AM		
ORO	12	10	mg/Kg	1	2/14/2022 02:29 AM		
Surr: p-Terphenyl	96.2	46-158	%REC	1	2/14/2022 02:29 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-031

Client Sample ID: B4-35
Collection Date: 2/3/2022 3:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 04:15 AM
Surr: Chlorobenzene - d5	133	54-144	%REC	1	2/9/2022 04:15 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.099	mg/Kg	1	2/8/2022 06:20 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	10	1.0	mg/Kg	1	2/9/2022 02:03 AM
Barium	75	1.0	mg/Kg	1	2/9/2022 02:03 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 02:03 AM
Chromium	18	1.0	mg/Kg	1	2/9/2022 02:03 AM
Lead	4.7	1.0	mg/Kg	1	2/9/2022 02:03 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 02:03 AM
Silver	ND	1.0	mg/Kg	1	2/11/2022 11:19 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-032

Client Sample ID: B4-40
Collection Date: 2/3/2022 4:12:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 08:32 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 08:32 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-032

Client Sample ID: B4-40
Collection Date: 2/3/2022 4:12:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 08:32 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 08:32 PM	
Surr: 1,2-Dichloroethane-d4	119	62-165	%REC	1	2/10/2022 08:32 PM	
Surr: 4-Bromofluorobenzene	104	71-125	%REC	1	2/10/2022 08:32 PM	
Surr: Dibromofluoromethane	113	74-143	%REC	1	2/10/2022 08:32 PM	
Surr: Toluene-d8	111	80-120	%REC	1	2/10/2022 08:32 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 03:02 AM		
ORO	ND	10	mg/Kg	1	2/14/2022 03:02 AM		
Surr: p-Terphenyl	98.0	46-158	%REC	1	2/14/2022 03:02 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-032

Client Sample ID: B4-40
Collection Date: 2/3/2022 4:12:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 04:45 AM
Surr: Chlorobenzene - d5	135	54-144	%REC	1	2/9/2022 04:45 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 06:24 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	2.7	1.0	mg/Kg	1	2/9/2022 02:09 AM
Barium	32	1.0	mg/Kg	1	2/9/2022 02:09 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 02:09 AM
Chromium	9.7	1.0	mg/Kg	1	2/9/2022 02:09 AM
Lead	2.1	1.0	mg/Kg	1	2/9/2022 02:09 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 02:09 AM
Silver	ND	1.0	mg/Kg	1	2/11/2022 11:24 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-033

Client Sample ID: B4-45
Collection Date: 2/3/2022 4:50:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst:	PL
1,2,4-Trichlorobenzene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
1,2-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
1,3-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
1,4-Dichlorobenzene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2,4,5-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2,4,6-Trichlorophenol	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2,4-Dichlorophenol	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
2,4-Dimethylphenol	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2,4-Dinitrophenol	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
2,4-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2,6-Dinitrotoluene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2-Chloronaphthalene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2-Chlorophenol	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2-Methylnaphthalene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2-Methylphenol	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
2-Nitroaniline	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
2-Nitrophenol	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
3,3'-Dichlorobenzidine	ND	660	µg/Kg	1	2/16/2022 04:21 AM		
3-Nitroaniline	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
4,6-Dinitro-2-methylphenol	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
4-Bromophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
4-Chloro-3-methylphenol	ND	660	µg/Kg	1	2/16/2022 04:21 AM		
4-Chloroaniline	ND	660	µg/Kg	1	2/16/2022 04:21 AM		
4-Chlorophenyl-phenylether	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
4-Methylphenol	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
4-Nitroaniline	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
4-Nitrophenol	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
Acenaphthene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Acenaphthylene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Anthracene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Benzo(a)anthracene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Benzo(a)pyrene	ND	200	µg/Kg	1	2/16/2022 04:21 AM		
Benzo(b)fluoranthene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Benzo(g,h,i)perylene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Benzo(k)fluoranthene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Benzoic acid	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-033

Client Sample ID: B4-45
Collection Date: 2/3/2022 4:50:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220215C	QC Batch:	91460	PrepDate:	2/14/2022	Analyst:	PL
Benzyl alcohol	ND	660	µg/Kg	1	2/16/2022 04:21 AM		
Bis(2-chloroethoxy)methane	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Bis(2-chloroethyl)ether	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Bis(2-chloroisopropyl)ether	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Bis(2-ethylhexyl)phthalate	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Butylbenzylphthalate	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Chrysene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Di-n-butylphthalate	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Di-n-octylphthalate	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Dibenz(a,h)anthracene	ND	200	µg/Kg	1	2/16/2022 04:21 AM		
Dibenzofuran	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Diethylphthalate	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Dimethylphthalate	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Fluoranthene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Fluorene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Hexachlorobenzene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Hexachlorocyclopentadiene	ND	660	µg/Kg	1	2/16/2022 04:21 AM		
Hexachloroethane	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Isophorone	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
N-Nitrosodi-n-propylamine	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
N-Nitrosodiphenylamine	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Naphthalene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Nitrobenzene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Pentachlorophenol	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
Phenanthrene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Phenol	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Pyrene	ND	330	µg/Kg	1	2/16/2022 04:21 AM		
Pyridine	ND	1700	µg/Kg	1	2/16/2022 04:21 AM		
Surr: 1,2-Dichlorobenzene-d4	66.8	23-120	%REC	1	2/16/2022 04:21 AM		
Surr: 2,4,6-Tribromophenol	59.1	16-120	%REC	1	2/16/2022 04:21 AM		
Surr: 2-Chlorophenol-d4	69.5	25-120	%REC	1	2/16/2022 04:21 AM		
Surr: 2-Fluorobiphenyl	68.9	25-120	%REC	1	2/16/2022 04:21 AM		
Surr: 2-Fluorophenol	74.4	24-120	%REC	1	2/16/2022 04:21 AM		
Surr: 4-Terphenyl-d14	79.3	19-123	%REC	1	2/16/2022 04:21 AM		
Surr: Nitrobenzene-d5	71.0	17-120	%REC	1	2/16/2022 04:21 AM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-033

Client Sample ID: B4-45
Collection Date: 2/3/2022 4:50:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C QC Batch: 91460 PrepDate: 2/14/2022 Analyst: **PL**
 Surr: Phenol-d5 71.7 23-120 %REC 1 2/16/2022 04:21 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	P22VS016	PrepDate:	Analyst: QBM	
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 08:59 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 08:59 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-033

Client Sample ID: B4-45
Collection Date: 2/3/2022 4:50:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 08:59 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 08:59 PM	
Surr: 1,2-Dichloroethane-d4	116	62-165	%REC	1	2/10/2022 08:59 PM	
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/10/2022 08:59 PM	
Surr: Dibromofluoromethane	112	74-143	%REC	1	2/10/2022 08:59 PM	
Surr: Toluene-d8	109	80-120	%REC	1	2/10/2022 08:59 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 03:34 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-033

Client Sample ID: B4-45
Collection Date: 2/3/2022 4:50:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC3_220213A	QC Batch: 91431				PrepDate: 2/10/2022	Analyst: MCC
ORO	ND	10		mg/Kg	1	2/14/2022 03:34 AM
Surr: p-Terphenyl	84.5	46-158		%REC	1	2/14/2022 03:34 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/9/2022 05:15 AM
Surr: Chlorobenzene - d5	129	54-144		%REC	1	2/9/2022 05:15 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 06:34 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	3.2	1.0		mg/Kg	1	2/9/2022 02:15 AM
Barium	34	1.0		mg/Kg	1	2/9/2022 02:15 AM
Cadmium	ND	1.0		mg/Kg	1	2/9/2022 02:15 AM
Chromium	9.6	1.0		mg/Kg	1	2/9/2022 02:15 AM
Lead	2.9	1.0		mg/Kg	1	2/9/2022 02:15 AM
Selenium	ND	1.0		mg/Kg	1	2/9/2022 02:15 AM
Silver	ND	1.0		mg/Kg	1	2/11/2022 11:27 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-034

Client Sample ID: B5-5
Collection Date: 2/4/2022 9:28:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 09:26 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 09:26 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-034

Client Sample ID: B5-5
Collection Date: 2/4/2022 9:28:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 09:26 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 09:26 PM	
Surr: 1,2-Dichloroethane-d4	122	62-165	%REC	1	2/10/2022 09:26 PM	
Surr: 4-Bromofluorobenzene	95.3	71-125	%REC	1	2/10/2022 09:26 PM	
Surr: Dibromofluoromethane	113	74-143	%REC	1	2/10/2022 09:26 PM	
Surr: Toluene-d8	109	80-120	%REC	1	2/10/2022 09:26 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 04:07 AM		
ORO	ND	10	mg/Kg	1	2/14/2022 04:07 AM		
Surr: p-Terphenyl	75.6	46-158	%REC	1	2/14/2022 04:07 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-034

Client Sample ID: B5-5
Collection Date: 2/4/2022 9:28:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC4_220208B	QC Batch: E22VS009				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/9/2022 05:46 AM
Surr: Chlorobenzene - d5	121	54-144		%REC	1	2/9/2022 05:46 AM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471A						
RunID: NV00922-AA2_220208A	QC Batch: 91399				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.099		mg/Kg	1	2/8/2022 06:37 PM
TOTAL METALS BY ICP						
EPA 3050B						
RunID: NV00922-ICP2_220208D	QC Batch: 91396				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	9.3	1.0		mg/Kg	1	2/9/2022 02:20 AM
Barium	60	1.0		mg/Kg	1	2/9/2022 02:20 AM
Cadmium	ND	1.0		mg/Kg	1	2/9/2022 02:20 AM
Chromium	16	1.0		mg/Kg	1	2/9/2022 02:20 AM
Lead	3.3	1.0		mg/Kg	1	2/9/2022 02:20 AM
Selenium	ND	1.0		mg/Kg	1	2/9/2022 02:20 AM
Silver	ND	1.0		mg/Kg	1	2/11/2022 11:30 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-035

Client Sample ID: B5-10
Collection Date: 2/4/2022 9:39:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 09:52 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 09:52 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-035

Client Sample ID: B5-10
Collection Date: 2/4/2022 9:39:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 09:52 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 09:52 PM	
Surr: 1,2-Dichloroethane-d4	114	62-165	%REC	1	2/10/2022 09:52 PM	
Surr: 4-Bromofluorobenzene	101	71-125	%REC	1	2/10/2022 09:52 PM	
Surr: Dibromofluoromethane	109	74-143	%REC	1	2/10/2022 09:52 PM	
Surr: Toluene-d8	111	80-120	%REC	1	2/10/2022 09:52 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 04:40 AM		
ORO	10	10	mg/Kg	1	2/14/2022 04:40 AM		
Surr: p-Terphenyl	79.9	46-158	%REC	1	2/14/2022 04:40 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-035

Client Sample ID: B5-10
Collection Date: 2/4/2022 9:39:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220209A	QC Batch: Q22VS025	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 07:31 PM
Surr: Chlorobenzene - d5	89.8	54-144	%REC	1	2/9/2022 07:31 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 06:41 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	18	1.0	mg/Kg	1	2/9/2022 02:26 AM
Barium	69	1.0	mg/Kg	1	2/9/2022 02:26 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 02:26 AM
Chromium	8.0	1.0	mg/Kg	1	2/9/2022 02:26 AM
Lead	5.8	1.0	mg/Kg	1	2/9/2022 02:26 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 02:26 AM
Silver	ND	1.0	mg/Kg	1	2/11/2022 11:34 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-036

Client Sample ID: B5-15
Collection Date: 2/4/2022 9:52:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 3546			EPA 8270C			
RunID: NV00922-MS3_220215C	QC Batch: 91460				PrepDate: 2/14/2022	Analyst: PL
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2,4-Dichlorophenol	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
2,4-Dimethylphenol	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2,4-Dinitrophenol	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2-Chloronaphthalene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2-Chlorophenol	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2-Methylnaphthalene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2-Methylphenol	ND	330		µg/Kg	1	2/16/2022 04:47 AM
2-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
2-Nitrophenol	ND	330		µg/Kg	1	2/16/2022 04:47 AM
3,3'-Dichlorobenzidine	ND	660		µg/Kg	1	2/16/2022 04:47 AM
3-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
4,6-Dinitro-2-methylphenol	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
4-Bromophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 04:47 AM
4-Chloro-3-methylphenol	ND	660		µg/Kg	1	2/16/2022 04:47 AM
4-Chloroaniline	ND	660		µg/Kg	1	2/16/2022 04:47 AM
4-Chlorophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 04:47 AM
4-Methylphenol	ND	330		µg/Kg	1	2/16/2022 04:47 AM
4-Nitroaniline	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
4-Nitrophenol	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
Acenaphthene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Acenaphthylene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Anthracene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Benzo(a)anthracene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Benzo(a)pyrene	ND	200		µg/Kg	1	2/16/2022 04:47 AM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Benzoic acid	ND	1700		µg/Kg	1	2/16/2022 04:47 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-036

Client Sample ID: B5-15
Collection Date: 2/4/2022 9:52:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 3546			EPA 8270C			
RunID: NV00922-MS3_220215C	QC Batch: 91460			PrepDate:	2/14/2022	Analyst: PL
Benzyl alcohol	ND	660		µg/Kg	1	2/16/2022 04:47 AM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Butylbenzylphthalate	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Chrysene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Di-n-butylphthalate	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Di-n-octylphthalate	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Dibenz(a,h)anthracene	ND	200		µg/Kg	1	2/16/2022 04:47 AM
Dibenzofuran	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Diethylphthalate	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Dimethylphthalate	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Fluoranthene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Fluorene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Hexachlorobenzene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Hexachlorocyclopentadiene	ND	660		µg/Kg	1	2/16/2022 04:47 AM
Hexachloroethane	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Isophorone	ND	330		µg/Kg	1	2/16/2022 04:47 AM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	2/16/2022 04:47 AM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Naphthalene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Nitrobenzene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Pentachlorophenol	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
Phenanthrene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Phenol	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Pyrene	ND	330		µg/Kg	1	2/16/2022 04:47 AM
Pyridine	ND	1700		µg/Kg	1	2/16/2022 04:47 AM
Surr: 1,2-Dichlorobenzene-d4	53.7	23-120		%REC	1	2/16/2022 04:47 AM
Surr: 2,4,6-Tribromophenol	48.2	16-120		%REC	1	2/16/2022 04:47 AM
Surr: 2-Chlorophenol-d4	55.0	25-120		%REC	1	2/16/2022 04:47 AM
Surr: 2-Fluorobiphenyl	54.2	25-120		%REC	1	2/16/2022 04:47 AM
Surr: 2-Fluorophenol	58.9	24-120		%REC	1	2/16/2022 04:47 AM
Surr: 4-Terphenyl-d14	65.9	19-123		%REC	1	2/16/2022 04:47 AM
Surr: Nitrobenzene-d5	55.5	17-120		%REC	1	2/16/2022 04:47 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-036

Client Sample ID: B5-15
Collection Date: 2/4/2022 9:52:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220215C QC Batch: 91460 PrepDate: 2/14/2022 Analyst: **PL**
 Surr: Phenol-d5 57.4 23-120 %REC 1 2/16/2022 04:47 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	P22VS016	PrepDate:	Analyst: QBM	
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 10:19 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
2-Butanone	ND	50	µg/Kg	1	2/10/2022 10:19 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
Benzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-036

Client Sample ID: B5-15
Collection Date: 2/4/2022 9:52:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 10:19 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 10:19 PM	
Surr: 1,2-Dichloroethane-d4	148	62-165	%REC	1	2/10/2022 10:19 PM	
Surr: 4-Bromofluorobenzene	105	71-125	%REC	1	2/10/2022 10:19 PM	
Surr: Dibromofluoromethane	134	74-143	%REC	1	2/10/2022 10:19 PM	
Surr: Toluene-d8	106	80-120	%REC	1	2/10/2022 10:19 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213A	QC Batch:	91431	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 05:12 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
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 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-036

Client Sample ID: B5-15
Collection Date: 2/4/2022 9:52:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC3_220213A	QC Batch: 91431				PrepDate: 2/10/2022	Analyst: MCC
ORO	ND	10		mg/Kg	1	2/14/2022 05:12 AM
Surr: p-Terphenyl	82.7	46-158		%REC	1	2/14/2022 05:12 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009				PrepDate:	Analyst: DJ
GRO	ND	1.0		mg/Kg	1	2/9/2022 06:46 AM
Surr: Chlorobenzene - d5	129	54-144		%REC	1	2/9/2022 06:46 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399				PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.099		mg/Kg	1	2/8/2022 06:44 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396				PrepDate: 2/8/2022	Analyst: DJ
Arsenic	3.3	1.0		mg/Kg	1	2/9/2022 02:32 AM
Barium	45	1.0		mg/Kg	1	2/9/2022 02:32 AM
Cadmium	ND	1.0		mg/Kg	1	2/9/2022 02:32 AM
Chromium	9.5	1.0		mg/Kg	1	2/9/2022 02:32 AM
Lead	2.8	1.0		mg/Kg	1	2/9/2022 02:32 AM
Selenium	ND	1.0		mg/Kg	1	2/9/2022 02:32 AM
Silver	ND	1.0		mg/Kg	1	2/11/2022 11:37 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-037

Client Sample ID: B5-20
Collection Date: 2/4/2022 10:13:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/10/2022 10:46 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
2-Butanone	ND	50	µg/Kg	1	2/10/2022 10:46 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Benzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Bromoform	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Chloroform	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-037

Client Sample ID: B5-20
Collection Date: 2/4/2022 10:13:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220210A	QC Batch:	P22VS016	PrepDate:	Analyst:	QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Freon-113	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/10/2022 10:46 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
MTBE	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Styrene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Toluene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/10/2022 10:46 PM	
Surr: 1,2-Dichloroethane-d4	122	62-165	%REC	1	2/10/2022 10:46 PM	
Surr: 4-Bromofluorobenzene	101	71-125	%REC	1	2/10/2022 10:46 PM	
Surr: Dibromofluoromethane	114	74-143	%REC	1	2/10/2022 10:46 PM	
Surr: Toluene-d8	115	80-120	%REC	1	2/10/2022 10:46 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 09:32 AM		
ORO	12	10	mg/Kg	1	2/14/2022 09:32 AM		
Surr: p-Terphenyl	64.8	46-158	%REC	1	2/14/2022 09:32 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-037

Client Sample ID: B5-20
Collection Date: 2/4/2022 10:13:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 07:17 AM
Surr: Chlorobenzene - d5	137	54-144	%REC	1	2/9/2022 07:17 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 06:47 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.9	1.0	mg/Kg	1	2/9/2022 02:38 AM
Barium	38	1.0	mg/Kg	1	2/9/2022 02:38 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 02:38 AM
Chromium	7.7	1.0	mg/Kg	1	2/9/2022 02:38 AM
Lead	2.2	1.0	mg/Kg	1	2/9/2022 02:38 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 02:38 AM
Silver	ND	1.0	mg/Kg	1	2/11/2022 11:41 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-038

Client Sample ID: B5-30
Collection Date: 2/4/2022 10:39:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/12/2022 04:36 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
2-Butanone	ND	50	µg/Kg	1	2/12/2022 04:36 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Benzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Bromoform	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Bromomethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Chloroethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Chloroform	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
Chloromethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-038

Client Sample ID: B5-30
Collection Date: 2/4/2022 10:39:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Freon-113	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/12/2022 04:36 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
MTBE	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Styrene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Toluene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/12/2022 04:36 PM	
Surr: 1,2-Dichloroethane-d4	104	62-165	%REC	1	2/12/2022 04:36 PM	
Surr: 4-Bromofluorobenzene	103	71-125	%REC	1	2/12/2022 04:36 PM	
Surr: Dibromofluoromethane	105	74-143	%REC	1	2/12/2022 04:36 PM	
Surr: Toluene-d8	110	80-120	%REC	1	2/12/2022 04:36 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 11:09 AM		
ORO	ND	10	mg/Kg	1	2/14/2022 11:09 AM		
Surr: p-Terphenyl	65.0	46-158	%REC	1	2/14/2022 11:09 AM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-038

Client Sample ID: B5-30
Collection Date: 2/4/2022 10:39:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220208B	QC Batch: E22VS009	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 07:47 AM
Surr: Chlorobenzene - d5	132	54-144	%REC	1	2/9/2022 07:47 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.099	mg/Kg	1	2/8/2022 06:51 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	ND	1.0	mg/Kg	1	2/9/2022 02:44 AM
Barium	80	1.0	mg/Kg	1	2/9/2022 02:44 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 02:44 AM
Chromium	21	1.0	mg/Kg	1	2/9/2022 02:44 AM
Lead	3.5	1.0	mg/Kg	1	2/9/2022 02:44 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 02:44 AM
Silver	ND	1.0	mg/Kg	1	2/11/2022 11:44 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B5-40
Lab Order:	N049329	Collection Date:	2/4/2022 12:13:00 PM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-039		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:		Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/12/2022 05:03 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
2-Butanone	ND	50	µg/Kg	1	2/12/2022 05:03 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Benzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Bromoform	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Chloroform	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-039

Client Sample ID: B5-40
Collection Date: 2/4/2022 12:13:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Dibromomethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Ethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Freon-113	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
m,p-Xylene	ND	10	µg/Kg	1	2/12/2022 05:03 PM
Methylene chloride	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
MTBE	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Naphthalene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
o-Xylene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Styrene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Toluene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Trichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Vinyl chloride	ND	5.0	µg/Kg	1	2/12/2022 05:03 PM
Surr: 1,2-Dichloroethane-d4	106	62-165	%REC	1	2/12/2022 05:03 PM
Surr: 4-Bromofluorobenzene	99.2	71-125	%REC	1	2/12/2022 05:03 PM
Surr: Dibromofluoromethane	110	74-143	%REC	1	2/12/2022 05:03 PM
Surr: Toluene-d8	108	80-120	%REC	1	2/12/2022 05:03 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst: MCC
DRO	ND	10	mg/Kg	1	2/14/2022 11:41 AM	
ORO	ND	10	mg/Kg	1	2/14/2022 11:41 AM	
Surr: p-Terphenyl	86.7	46-158	%REC	1	2/14/2022 11:41 AM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-039

Client Sample ID: B5-40
Collection Date: 2/4/2022 12:13:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220210A	QC Batch: Q22VS026	PrepDate:	Analyst: QBM		
GRO	ND	1.0	mg/Kg	1	2/10/2022 10:39 AM
Surr: Chlorobenzene - d5	88.1	54-144	%REC	1	2/10/2022 10:39 AM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 06:54 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	ND	1.0	mg/Kg	1	2/9/2022 03:08 AM
Barium	100	1.0	mg/Kg	1	2/9/2022 03:08 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 03:08 AM
Chromium	21	1.0	mg/Kg	1	2/9/2022 03:08 AM
Lead	3.3	1.0	mg/Kg	1	2/9/2022 03:08 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 03:08 AM
Silver	ND	1.0	mg/Kg	1	2/12/2022 12:02 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-040

Client Sample ID: B6-5
Collection Date: 2/4/2022 2:49:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/12/2022 05:29 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
2-Butanone	ND	50	µg/Kg	1	2/12/2022 05:29 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Benzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Bromoform	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Bromomethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Chloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Chloroform	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
Chloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-040

Client Sample ID: B6-5
Collection Date: 2/4/2022 2:49:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Freon-113	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/12/2022 05:29 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
MTBE	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Styrene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Toluene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/12/2022 05:29 PM	
Surr: 1,2-Dichloroethane-d4	113	62-165	%REC	1	2/12/2022 05:29 PM	
Surr: 4-Bromofluorobenzene	102	71-125	%REC	1	2/12/2022 05:29 PM	
Surr: Dibromofluoromethane	114	74-143	%REC	1	2/12/2022 05:29 PM	
Surr: Toluene-d8	108	80-120	%REC	1	2/12/2022 05:29 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 12:14 PM		
ORO	ND	10	mg/Kg	1	2/14/2022 12:14 PM		
Surr: p-Terphenyl	84.7	46-158	%REC	1	2/14/2022 12:14 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-040

Client Sample ID: B6-5
Collection Date: 2/4/2022 2:49:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220209A	QC Batch: Q22VS025	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 10:12 PM
Surr: Chlorobenzene - d5	88.0	54-144	%REC	1	2/9/2022 10:12 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91399	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	2/8/2022 06:58 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91396	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.2	1.0	mg/Kg	1	2/9/2022 03:13 AM
Barium	25	1.0	mg/Kg	1	2/9/2022 03:13 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 03:13 AM
Chromium	4.3	1.0	mg/Kg	1	2/9/2022 03:13 AM
Lead	1.2	1.0	mg/Kg	1	2/9/2022 03:13 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 03:13 AM
Silver	ND	1.0	mg/Kg	1	2/12/2022 12:05 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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"Serving Clients with Passion and Professionalism"

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-041

Client Sample ID: B6-10
Collection Date: 2/4/2022 2:51:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/12/2022 05:56 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
2-Butanone	ND	50	µg/Kg	1	2/12/2022 05:56 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Benzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Bromoform	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Bromomethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Chloroethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Chloroform	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Chloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-041

Client Sample ID: B6-10
Collection Date: 2/4/2022 2:51:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220212A	QC Batch:	P22VS017	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Dibromomethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Ethylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Freon-113	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
m,p-Xylene	ND	10	µg/Kg	1	2/12/2022 05:56 PM
Methylene chloride	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
MTBE	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Naphthalene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
o-Xylene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Styrene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Toluene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Trichloroethene	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Vinyl chloride	ND	5.0	µg/Kg	1	2/12/2022 05:56 PM
Surr: 1,2-Dichloroethane-d4	109	62-165	%REC	1	2/12/2022 05:56 PM
Surr: 4-Bromofluorobenzene	101	71-125	%REC	1	2/12/2022 05:56 PM
Surr: Dibromofluoromethane	114	74-143	%REC	1	2/12/2022 05:56 PM
Surr: Toluene-d8	107	80-120	%REC	1	2/12/2022 05:56 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst: MCC
DRO	ND	10	mg/Kg	1	2/14/2022 12:46 PM	
ORO	ND	10	mg/Kg	1	2/14/2022 12:46 PM	
Surr: p-Terphenyl	82.0	46-158	%REC	1	2/14/2022 12:46 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-041

Client Sample ID: B6-10
Collection Date: 2/4/2022 2:51:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220209A	QC Batch: Q22VS025	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 12:49 PM
Surr: Chlorobenzene - d5	99.2	54-144	%REC	1	2/9/2022 12:49 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91400	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.099	mg/Kg	1	2/8/2022 07:22 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91397	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	ND	1.0	mg/Kg	1	2/9/2022 03:29 AM
Barium	31	1.0	mg/Kg	1	2/9/2022 03:29 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 03:29 AM
Chromium	6.4	1.0	mg/Kg	1	2/9/2022 03:29 AM
Lead	1.6	1.0	mg/Kg	1	2/9/2022 03:29 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 03:29 AM
Silver	ND	1.0	mg/Kg	1	2/12/2022 12:17 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-042

Client Sample ID: B6-15
Collection Date: 2/4/2022 3:03:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 3546		EPA 8270C		
RunID: NV00922-MS3_220215C	QC Batch: 91460			PrepDate: 2/14/2022		Analyst: PL
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2,4-Dichlorophenol	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
2,4-Dimethylphenol	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2,4-Dinitrophenol	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2-Chloronaphthalene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2-Chlorophenol	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2-Methylnaphthalene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2-Methylphenol	ND	330		µg/Kg	1	2/16/2022 05:12 AM
2-Nitroaniline	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
2-Nitrophenol	ND	330		µg/Kg	1	2/16/2022 05:12 AM
3,3'-Dichlorobenzidine	ND	660		µg/Kg	1	2/16/2022 05:12 AM
3-Nitroaniline	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
4,6-Dinitro-2-methylphenol	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
4-Bromophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 05:12 AM
4-Chloro-3-methylphenol	ND	660		µg/Kg	1	2/16/2022 05:12 AM
4-Chloroaniline	ND	660		µg/Kg	1	2/16/2022 05:12 AM
4-Chlorophenyl-phenylether	ND	330		µg/Kg	1	2/16/2022 05:12 AM
4-Methylphenol	ND	330		µg/Kg	1	2/16/2022 05:12 AM
4-Nitroaniline	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
4-Nitrophenol	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
Acenaphthene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Acenaphthylene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Anthracene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Benzo(a)anthracene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Benzo(a)pyrene	ND	200		µg/Kg	1	2/16/2022 05:12 AM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Benzoic acid	ND	1600		µg/Kg	1	2/16/2022 05:12 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-042

Client Sample ID: B6-15
Collection Date: 2/4/2022 3:03:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
	EPA 3546			EPA 8270C		
RunID: NV00922-MS3_220215C	QC Batch: 91460			PrepDate:	2/14/2022	Analyst: PL
Benzyl alcohol	ND	660		µg/Kg	1	2/16/2022 05:12 AM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Butylbenzylphthalate	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Chrysene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Di-n-butylphthalate	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Di-n-octylphthalate	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Dibenz(a,h)anthracene	ND	200		µg/Kg	1	2/16/2022 05:12 AM
Dibenzofuran	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Diethylphthalate	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Dimethylphthalate	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Fluoranthene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Fluorene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Hexachlorobenzene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Hexachlorocyclopentadiene	ND	660		µg/Kg	1	2/16/2022 05:12 AM
Hexachloroethane	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Isophorone	ND	330		µg/Kg	1	2/16/2022 05:12 AM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	2/16/2022 05:12 AM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Naphthalene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Nitrobenzene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Pentachlorophenol	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
Phenanthrene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Phenol	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Pyrene	ND	330		µg/Kg	1	2/16/2022 05:12 AM
Pyridine	ND	1600		µg/Kg	1	2/16/2022 05:12 AM
Surr: 1,2-Dichlorobenzene-d4	64.6	23-120		%REC	1	2/16/2022 05:12 AM
Surr: 2,4,6-Tribromophenol	57.0	16-120		%REC	1	2/16/2022 05:12 AM
Surr: 2-Chlorophenol-d4	66.8	25-120		%REC	1	2/16/2022 05:12 AM
Surr: 2-Fluorobiphenyl	64.4	25-120		%REC	1	2/16/2022 05:12 AM
Surr: 2-Fluorophenol	72.0	24-120		%REC	1	2/16/2022 05:12 AM
Surr: 4-Terphenyl-d14	78.7	19-123		%REC	1	2/16/2022 05:12 AM
Surr: Nitrobenzene-d5	67.5	17-120		%REC	1	2/16/2022 05:12 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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"Serving Clients with Passion and Professionalism"

ASSET Laboratories

ANALYTICAL RESULTS
Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-042

Client Sample ID: B6-15
Collection Date: 2/4/2022 3:03:00 PM
Matrix: SOIL

Analyses Result PQL Qual Units DF Date Analyzed

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546 EPA 8270C

RunID: NV00922-MS3_220215C QC Batch: 91460 PrepDate: 2/14/2022 Analyst: PL
Surr: Phenol-d5 69.6 23-120 %REC 1 2/16/2022 05:12 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

Table with columns: RunID, QC Batch, PQL, Qual, Units, DF, Date Analyzed. Lists various chemical compounds like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc., with their respective results (ND, 5.0, etc.) and analysis dates.

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-042

Client Sample ID: B6-15
Collection Date: 2/4/2022 3:03:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220208A	QC Batch:	P22VS013	PrepDate:	Analyst: DJ
Chloroethane	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Chloroform	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Chloromethane	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Dibromomethane	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Ethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Freon-113	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
m,p-Xylene	ND	10	µg/Kg	1	2/8/2022 07:31 PM
Methylene chloride	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
MTBE	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Naphthalene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
o-Xylene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Styrene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Toluene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Trichloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Vinyl chloride	ND	5.0	µg/Kg	1	2/8/2022 07:31 PM
Surr: 1,2-Dichloroethane-d4	108	62-165	%REC	1	2/8/2022 07:31 PM
Surr: 4-Bromofluorobenzene	89.6	71-125	%REC	1	2/8/2022 07:31 PM
Surr: Dibromofluoromethane	103	74-143	%REC	1	2/8/2022 07:31 PM
Surr: Toluene-d8	101	80-120	%REC	1	2/8/2022 07:31 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst: MCC
DRO	ND	10	mg/Kg	1	2/14/2022 01:19 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B6-15
Lab Order:	N049329	Collection Date:	2/4/2022 3:03:00 PM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049329-042		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC3_220213B	QC Batch: 91439	PrepDate: 2/10/2022	Analyst: MCC
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	70.1	46-158	%REC

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220209A	QC Batch: Q22VS025	PrepDate:	Analyst: DJ
GRO	ND	1.0	mg/Kg
Surr: Chlorobenzene - d5	90.8	54-144	%REC

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91400	PrepDate: 2/8/2022	Analyst: DJ
Mercury	ND	0.10	mg/Kg

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91397	PrepDate: 2/8/2022	Analyst: DJ
Arsenic	1.3	1.0	mg/Kg
Barium	76	1.0	mg/Kg
Cadmium	ND	1.0	mg/Kg
Chromium	11	1.0	mg/Kg
Lead	3.8	1.0	mg/Kg
Selenium	ND	1.0	mg/Kg
Silver	ND	1.0	mg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group	Client Sample ID: B6-20
Lab Order: N049329	Collection Date: 2/4/2022 3:20:00 PM
Project: Halloran Summit Rd, 21-2640-02	Matrix: SOIL
Lab ID: N049329-043	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220208A	QC Batch: P22VS013	PrepDate:	Analyst: DJ		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/8/2022 07:58 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
2-Butanone	ND	50	µg/Kg	1	2/8/2022 07:58 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Benzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Bromoform	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Bromomethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Chloroethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Chloroform	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
Chloromethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-043

Client Sample ID: B6-20
Collection Date: 2/4/2022 3:20:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220208A	QC Batch:	P22VS013	PrepDate:	Analyst:	DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Dibromomethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Freon-113	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
m,p-Xylene	ND	10	µg/Kg	1	2/8/2022 07:58 PM	
Methylene chloride	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
MTBE	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Naphthalene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
o-Xylene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Styrene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Toluene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Trichloroethene	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	2/8/2022 07:58 PM	
Surr: 1,2-Dichloroethane-d4	104	62-165	%REC	1	2/8/2022 07:58 PM	
Surr: 4-Bromofluorobenzene	94.7	71-125	%REC	1	2/8/2022 07:58 PM	
Surr: Dibromofluoromethane	101	74-143	%REC	1	2/8/2022 07:58 PM	
Surr: Toluene-d8	93.3	80-120	%REC	1	2/8/2022 07:58 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst:	MCC
DRO	ND	10	mg/Kg	1	2/14/2022 01:52 PM		
ORO	ND	10	mg/Kg	1	2/14/2022 01:52 PM		
Surr: p-Terphenyl	70.9	46-158	%REC	1	2/14/2022 01:52 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-043

Client Sample ID: B6-20
Collection Date: 2/4/2022 3:20:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220209A	QC Batch: Q22VS025			PrepDate:	Analyst: DJ	
GRO	ND	1.0		mg/Kg	1	2/9/2022 05:54 PM
Surr: Chlorobenzene - d5	96.7	54-144		%REC	1	2/9/2022 05:54 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91400			PrepDate:	2/8/2022	Analyst: DJ
Mercury	ND	0.10		mg/Kg	1	2/8/2022 07:43 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91397			PrepDate:	2/8/2022	Analyst: DJ
Arsenic	1.7	1.0		mg/Kg	1	2/9/2022 04:22 AM
Barium	64	1.0		mg/Kg	1	2/9/2022 04:22 AM
Cadmium	ND	1.0		mg/Kg	1	2/9/2022 04:22 AM
Chromium	6.8	1.0		mg/Kg	1	2/9/2022 04:22 AM
Lead	2.9	1.0		mg/Kg	1	2/9/2022 04:22 AM
Selenium	ND	1.0		mg/Kg	1	2/9/2022 04:22 AM
Silver	ND	1.0		mg/Kg	1	2/12/2022 12:48 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-044

Client Sample ID: B6-25
Collection Date: 2/4/2022 3:27:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220208A	QC Batch:	P22VS013	PrepDate:	Analyst:	DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/8/2022 08:24 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
2-Butanone	ND	50	µg/Kg	1	2/8/2022 08:24 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Benzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Bromobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Bromoform	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Bromomethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Chloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Chloroform	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
Chloromethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-044

Client Sample ID: B6-25
Collection Date: 2/4/2022 3:27:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220208A	QC Batch:	P22VS013	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Dibromomethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Ethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Freon-113	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
m,p-Xylene	ND	10	µg/Kg	1	2/8/2022 08:24 PM
Methylene chloride	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
MTBE	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Naphthalene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
o-Xylene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Styrene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Toluene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Trichloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Vinyl chloride	ND	5.0	µg/Kg	1	2/8/2022 08:24 PM
Surr: 1,2-Dichloroethane-d4	99.0	62-165	%REC	1	2/8/2022 08:24 PM
Surr: 4-Bromofluorobenzene	94.2	71-125	%REC	1	2/8/2022 08:24 PM
Surr: Dibromofluoromethane	104	74-143	%REC	1	2/8/2022 08:24 PM
Surr: Toluene-d8	102	80-120	%REC	1	2/8/2022 08:24 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst: MCC
DRO	15	10	mg/Kg	1	2/14/2022 02:25 PM	
ORO	20	10	mg/Kg	1	2/14/2022 02:25 PM	
Surr: p-Terphenyl	79.6	46-158	%REC	1	2/14/2022 02:25 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-044

Client Sample ID: B6-25
Collection Date: 2/4/2022 3:27:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220209A	QC Batch: Q22VS025	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 06:26 PM
Surr: Chlorobenzene - d5	98.4	54-144	%REC	1	2/9/2022 06:26 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91400	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.099	mg/Kg	1	2/8/2022 07:46 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91397	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	1.4	1.0	mg/Kg	1	2/9/2022 04:28 AM
Barium	54	1.0	mg/Kg	1	2/9/2022 04:28 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 04:28 AM
Chromium	12	1.0	mg/Kg	1	2/9/2022 04:28 AM
Lead	2.1	1.0	mg/Kg	1	2/9/2022 04:28 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 04:28 AM
Silver	ND	1.0	mg/Kg	1	2/12/2022 12:52 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-045

Client Sample ID: B6-30
Collection Date: 2/4/2022 3:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220208A	QC Batch:	P22VS013	PrepDate:	Analyst: DJ
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	2/8/2022 08:51 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
2-Butanone	ND	50	µg/Kg	1	2/8/2022 08:51 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Benzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Bromobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Bromoform	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Bromomethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Chlorobenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Chloroethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Chloroform	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Chloromethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-045

Client Sample ID: B6-30
Collection Date: 2/4/2022 3:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220208A	QC Batch:	P22VS013	PrepDate:	Analyst: DJ
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Dibromomethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Ethylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Freon-113	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
m,p-Xylene	ND	10	µg/Kg	1	2/8/2022 08:51 PM
Methylene chloride	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
MTBE	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Naphthalene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
o-Xylene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Styrene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Toluene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Trichloroethene	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Vinyl chloride	ND	5.0	µg/Kg	1	2/8/2022 08:51 PM
Surr: 1,2-Dichloroethane-d4	99.1	62-165	%REC	1	2/8/2022 08:51 PM
Surr: 4-Bromofluorobenzene	93.5	71-125	%REC	1	2/8/2022 08:51 PM
Surr: Dibromofluoromethane	102	74-143	%REC	1	2/8/2022 08:51 PM
Surr: Toluene-d8	99.7	80-120	%REC	1	2/8/2022 08:51 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC3_220213B	QC Batch:	91439	PrepDate:	2/10/2022	Analyst: MCC
DRO	ND	10	mg/Kg	1	2/14/2022 02:59 PM	
ORO	ND	10	mg/Kg	1	2/14/2022 02:59 PM	
Surr: p-Terphenyl	69.6	46-158	%REC	1	2/14/2022 02:59 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 02-Mar-22

CLIENT: The Westmark Group
Lab Order: N049329
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049329-045

Client Sample ID: B6-30
Collection Date: 2/4/2022 3:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220209A	QC Batch: Q22VS025	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	2/9/2022 06:59 PM
Surr: Chlorobenzene - d5	93.4	54-144	%REC	1	2/9/2022 06:59 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220208A	QC Batch: 91400	PrepDate: 2/8/2022	Analyst: DJ		
Mercury	ND	0.099	mg/Kg	1	2/8/2022 07:49 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220208D	QC Batch: 91397	PrepDate: 2/8/2022	Analyst: DJ		
Arsenic	ND	1.0	mg/Kg	1	2/9/2022 04:33 AM
Barium	49	1.0	mg/Kg	1	2/9/2022 04:33 AM
Cadmium	ND	1.0	mg/Kg	1	2/9/2022 04:33 AM
Chromium	12	1.0	mg/Kg	1	2/9/2022 04:33 AM
Lead	2.6	1.0	mg/Kg	1	2/9/2022 04:33 AM
Selenium	ND	1.0	mg/Kg	1	2/9/2022 04:33 AM
Silver	ND	1.0	mg/Kg	1	2/12/2022 12:55 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-91395	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: PBS	Batch ID: 91395	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/8/2022	SeqNo: 4528772						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									

Sample ID: LCS-91395	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: LCSS	Batch ID: 91395	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/8/2022	SeqNo: 4528773						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	25.593	1.0	25.00	0	102	80	120				
Barium	25.702	1.0	25.00	0	103	80	120				
Cadmium	25.742	1.0	25.00	0	103	80	120				
Chromium	25.739	1.0	25.00	0	103	80	120				
Lead	24.814	1.0	25.00	0	99.3	80	120				
Selenium	25.136	1.0	25.00	0	101	80	120				
Silver	20.504	1.0	25.00	0	82.0	80	120				

Sample ID: N049329-001A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: ZZZZZ	Batch ID: 91395	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/8/2022	SeqNo: 4528777						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	24.743	1.0	24.98	2.250	90.1	75	125				
Barium	75.260	1.0	24.98	60.34	59.7	75	125				S
Cadmium	21.937	1.0	24.98	0.4492	86.0	75	125				
Chromium	28.574	1.0	24.98	5.293	93.2	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N049329-001A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: ZZZZZZ	Batch ID: 91395	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/8/2022	SeqNo: 4528777						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	28.859	1.0	24.98	6.106	91.1	75	125				
Selenium	19.258	1.0	24.98	0	77.1	75	125				
Silver	22.331	1.0	24.98	0	89.4	75	125				

Sample ID: N049329-001A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: ZZZZZZ	Batch ID: 91395	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/8/2022	SeqNo: 4528778						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	24.482	1.0	24.90	2.250	89.3	75	125	24.74	1.06	20	
Barium	71.646	1.0	24.90	60.34	45.4	75	125	75.26	4.92	20	S
Cadmium	21.980	1.0	24.90	0.4492	86.5	75	125	21.94	0.193	20	
Chromium	27.903	1.0	24.90	5.293	90.8	75	125	28.57	2.38	20	
Lead	28.562	1.0	24.90	6.106	90.2	75	125	28.86	1.03	20	
Selenium	19.686	1.0	24.90	0	79.1	75	125	19.26	2.20	20	
Silver	22.468	1.0	24.90	0	90.2	75	125	22.33	0.613	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-91396	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: PBS	Batch ID: 91396	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/8/2022	SeqNo: 4528804						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	2.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS-91396	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: LCSS	Batch ID: 91396	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/8/2022	SeqNo: 4528805						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	25.497	2.0	25.00	0	102	80	120				
Arsenic	24.805	1.0	25.00	0	99.2	80	120				
Barium	25.624	1.0	25.00	0	102	80	120				
Beryllium	25.748	1.0	25.00	0	103	80	120				
Cadmium	24.037	1.0	25.00	0	96.1	80	120				
Chromium	25.441	1.0	25.00	0	102	80	120				
Cobalt	25.645	1.0	25.00	0	103	80	120				
Copper	25.037	2.0	25.00	0	100	80	120				
Lead	24.379	1.0	25.00	0	97.5	80	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: LCS-91396	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: LCSS	Batch ID: 91396	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/8/2022	SeqNo: 4528805						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	24.674	1.0	25.00	0	98.7	80	120				
Nickel	26.881	1.0	25.00	0	108	80	120				
Selenium	23.620	1.0	25.00	0	94.5	80	120				
Silver	20.852	1.0	25.00	0	83.4	80	120				
Thallium	22.990	2.0	25.00	0	92.0	80	120				
Vanadium	24.969	1.0	25.00	0	99.9	80	120				
Zinc	24.754	1.0	25.00	0	99.0	80	120				

Sample ID: N049329-021A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: ZZZZZ	Batch ID: 91396	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/9/2022	SeqNo: 4528811						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	13.328	2.0	24.99	0	53.3	75	125				S
Arsenic	22.940	1.0	24.99	4.946	72.0	75	125				S
Barium	134.003	1.0	24.99	103.3	123	75	125				
Beryllium	17.242	1.0	24.99	0	69.0	75	125				S
Cadmium	17.905	1.0	24.99	0.6502	69.1	75	125				S
Chromium	40.970	1.0	24.99	18.28	90.8	75	125				
Cobalt	28.421	1.0	24.99	8.606	79.3	75	125				
Copper	34.508	2.0	24.99	11.26	93.0	75	125				
Lead	22.126	1.0	24.99	4.167	71.9	75	125				S
Molybdenum	18.290	1.0	24.99	0.2650	72.1	75	125				S
Nickel	30.665	1.0	24.99	10.83	79.4	75	125				
Selenium	9.631	1.0	24.99	0	38.5	75	125				S
Silver	17.431	1.0	24.99	0	69.8	75	125				S
Thallium	15.425	2.0	24.99	0	61.7	75	125				S
Vanadium	69.482	1.0	24.99	41.34	113	75	125				
Zinc	61.315	1.0	24.99	40.15	84.7	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N049329-021A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109						
Client ID: ZZZZZZ	Batch ID: 91396	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 2/9/2022	SeqNo: 4528812						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	13.744	2.0	24.89	0	55.2	75	125	13.33	3.07	20	S
Arsenic	23.182	1.0	24.89	4.946	73.3	75	125	22.94	1.05	20	S
Barium	122.374	1.0	24.89	103.3	76.8	75	125	134.0	9.07	20	
Beryllium	17.835	1.0	24.89	0	71.7	75	125	17.24	3.38	20	S
Cadmium	18.485	1.0	24.89	0.6502	71.7	75	125	17.91	3.19	20	S
Chromium	40.740	1.0	24.89	18.28	90.3	75	125	40.97	0.563	20	
Cobalt	28.458	1.0	24.89	8.606	79.8	75	125	28.42	0.131	20	
Copper	34.195	2.0	24.89	11.26	92.1	75	125	34.51	0.913	20	
Lead	22.299	1.0	24.89	4.167	72.9	75	125	22.13	0.777	20	S
Molybdenum	19.057	1.0	24.89	0.2650	75.5	75	125	18.29	4.11	20	
Nickel	30.908	1.0	24.89	10.83	80.7	75	125	30.66	0.788	20	
Selenium	10.946	1.0	24.89	0	44.0	75	125	9.631	12.8	20	S
Silver	17.437	1.0	24.89	0	70.1	75	125	17.43	0.0370	20	S
Thallium	16.161	2.0	24.89	0	64.9	75	125	15.43	4.66	20	S
Vanadium	67.091	1.0	24.89	41.34	103	75	125	69.48	3.50	20	
Zinc	59.272	1.0	24.89	40.15	76.8	75	125	61.31	3.39	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-91397	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109
Client ID: PBS	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/9/2022	SeqNo: 4528838

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									

Sample ID: LCS-91397	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109
Client ID: LCSS	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/9/2022	SeqNo: 4528839

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	23.371	1.0	25.00	0	93.5	80	120				
Barium	22.580	1.0	25.00	0	90.3	80	120				
Cadmium	29.234	1.0	25.00	0	117	80	120				
Chromium	25.188	1.0	25.00	0	101	80	120				
Lead	23.101	1.0	25.00	0	92.4	80	120				
Selenium	25.513	1.0	25.00	0	102	80	120				

Sample ID: N049329-041A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109
Client ID: ZZZZZZ	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/9/2022	SeqNo: 4528956

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	21.241	1.0	25.01	0.7377	82.0	75	125				
Barium	51.286	1.0	25.01	30.93	81.4	75	125				
Cadmium	25.071	1.0	25.01	0.1556	99.6	75	125				
Chromium	29.246	1.0	25.01	6.365	91.5	75	125				
Lead	22.263	1.0	25.01	1.618	82.5	75	125				
Selenium	20.513	1.0	25.01	0	82.0	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N049329-041A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160109
Client ID: ZZZZZZ	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/9/2022	SeqNo: 4528957

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	20.602	1.0	24.90	0.7377	79.8	75	125	21.24	3.06	20	
Barium	58.860	1.0	24.90	30.93	112	75	125	51.29	13.8	20	
Cadmium	24.276	1.0	24.90	0.1556	96.9	75	125	25.07	3.22	20	
Chromium	29.677	1.0	24.90	6.365	93.6	75	125	29.25	1.46	20	
Lead	22.055	1.0	24.90	1.618	82.1	75	125	22.26	0.939	20	
Selenium	19.688	1.0	24.90	0	79.1	75	125	20.51	4.10	20	

Sample ID: MB-91397	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160179
Client ID: PBS	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/12/2022	SeqNo: 4531950

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	ND	1.0									

Sample ID: LCS-91397	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160179
Client ID: LCSS	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/12/2022	SeqNo: 4531951

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	50.620	1.0	25.00	0	202	80	120				S

Sample ID: N049329-041A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160179
Client ID: ZZZZZZ	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/12/2022	SeqNo: 4531955

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	50.568	1.0	25.01	0	202	75	125				S

Sample ID: N049329-041A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160179
Client ID: ZZZZZZ	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B		Analysis Date: 2/12/2022	SeqNo: 4531956

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert N000922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N049329-041A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160179						
Client ID: ZZZZZZ	Batch ID: 91397	TestNo: EPA 6010B EPA 3050B	Analysis Date: 2/12/2022	SeqNo: 4531956							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	51.512	1.0	24.90	0	207	75	125	50.57	1.85	20	S

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-91398	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: PBS	Batch ID: 91398	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4527998						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	ND	0.10									
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Sample ID: LCS-91398	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: LCSS	Batch ID: 91398	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4527999						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.398	0.10	0.4167	0	95.6	80	120				
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Sample ID: N049329-002A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: ZZZZZ	Batch ID: 91398	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528006						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.333	0.099	0.4112	0	81.0	75	125				
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Sample ID: N049329-002A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: ZZZZZ	Batch ID: 91398	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528007						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.367	0.10	0.4146	0	88.6	75	125	0.3331	9.79	20	
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-91399	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: PBS	Batch ID: 91399	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528029						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	ND	0.10									
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Sample ID: LCS-91399	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: LCSS	Batch ID: 91399	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528030						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.361	0.10	0.4167	0	86.6	80	120				
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Sample ID: N049329-022A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: ZZZZZ	Batch ID: 91399	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528035						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.333	0.099	0.4105	0.01055	78.6	75	125				
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Sample ID: N049329-022A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: ZZZZZ	Batch ID: 91399	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528036						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.344	0.10	0.4160	0.01055	80.3	75	125	0.3333	3.27	20	
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-91400	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: PBS	Batch ID: 91400	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528060						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	ND	0.10									
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Sample ID: LCS-91400	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: LCSS	Batch ID: 91400	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528061						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.448	0.10	0.4167	0	107	80	120				
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Sample ID: N049329-042A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: ZZZZZ	Batch ID: 91400	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528069						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.380	0.099	0.4112	0.01484	88.8	75	125				
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Sample ID: N049329-042A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 2/8/2022	RunNo: 160107						
Client ID: ZZZZZ	Batch ID: 91400	TestNo: EPA 7471A		Analysis Date: 2/8/2022	SeqNo: 4528070						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.331	0.10	0.4153	0.01484	76.0	75	125	0.3799	13.9	20	
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Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: MB-91401	SampType: MBLK	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/9/2022	RunNo: 160169						
Client ID: PBS	Batch ID: 91401	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/11/2022	SeqNo: 4531396						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	6.332	10									
ORO	7.894	10									
Surr: p-Terphenyl	71.379		80.00		89.2	46	158				

Sample ID: LCS-91401	SampType: LCS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/9/2022	RunNo: 160169						
Client ID: LCSS	Batch ID: 91401	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/11/2022	SeqNo: 4531397						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	884.996	10	1000	0	88.5	70	130				
Surr: p-Terphenyl	64.106		80.00		80.1	46	158				

Sample ID: N049328-005A-MS	SampType: MS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/9/2022	RunNo: 160169						
Client ID: ZZZZZ	Batch ID: 91401	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/11/2022	SeqNo: 4531399						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	480.077	10	999.0	4.839	47.6	42	157				
Surr: p-Terphenyl	15.905		79.92		19.9	46	158				S

Sample ID: N049328-005A-MSD	SampType: MSD	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/9/2022	RunNo: 160169						
Client ID: ZZZZZ	Batch ID: 91401	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/11/2022	SeqNo: 4531400						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	786.699	9.9	992.1	4.839	78.8	42	157	480.1	48.4	20	R
Surr: p-Terphenyl	28.914		79.37		36.4	46	158		0		S

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: MB-91431	SampType: MBLK	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160184						
Client ID: PBS	Batch ID: 91431	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/13/2022	SeqNo: 4532196						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	5.541	10									
ORO	7.186	10									
Surr: p-Terphenyl	75.104		80.00		93.9	46	158				

Sample ID: LCS-91431	SampType: LCS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160184						
Client ID: LCSS	Batch ID: 91431	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/13/2022	SeqNo: 4532197						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	930.891	10	1000	0	93.1	70	130				
Surr: p-Terphenyl	74.260		80.00		92.8	46	158				

Sample ID: N049329-017A-MS	SampType: MS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160184						
Client ID: ZZZZZ	Batch ID: 91431	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532410						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	747.567	10	1000	5.676	74.2	42	157				
Surr: p-Terphenyl	44.243		80.00		55.3	46	158				

Sample ID: N049329-017A-MSD	SampType: MSD	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160184						
Client ID: ZZZZZ	Batch ID: 91431	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532411						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	851.734	10	1000	5.676	84.6	42	157	747.6	13.0	20	
Surr: p-Terphenyl	28.986		80.00		36.2	46	158		0		S

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: N049335-001 A-DUP	SampType: DUP	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160180						
Client ID: ZZZZZZ	Batch ID: 91439	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/13/2022	SeqNo: 4531902						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	148.747	10						123.9	18.2	20	
ORO	436.771	10						359.3	19.5	20	
Surr: p-Terphenyl	52.466		80.00		65.6	46	158		0		

Sample ID: MB-91439	SampType: MBLK	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160192						
Client ID: PBS	Batch ID: 91439	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532657						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	4.845	10									
ORO	6.896	10									
Surr: p-Terphenyl	68.218		80.00		85.3	46	158				

Sample ID: LCS-91439	SampType: LCS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160192						
Client ID: LCSS	Batch ID: 91439	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532658						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	913.407	10	1000	0	91.3	70	130				
Surr: p-Terphenyl	64.668		80.00		80.8	46	158				

Sample ID: N049329-037A-MS	SampType: MS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160192						
Client ID: ZZZZZZ	Batch ID: 91439	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532660						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1349.617	10	1000	8.243	134	42	157				
Surr: p-Terphenyl	56.180		80.00		70.2	46	158				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: N049329-037A-MSD	SampType: MSD	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/10/2022	RunNo: 160192						
Client ID: ZZZZZZ	Batch ID: 91439	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532661						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1429.468	10	1000	8.243	142	42	157	1350	5.75	20	
Surr: p-Terphenyl	50.092		80.00		62.6	46	158		0		

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: MB-91468	SampType: MBLK	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/14/2022	RunNo: 160196						
Client ID: PBS	Batch ID: 91468	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532806						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	6.268	10									
ORO	7.514	10									
Surr: p-Terphenyl	71.028		80.00		88.8	46	158				

Sample ID: LCS-91468	SampType: LCS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/14/2022	RunNo: 160196						
Client ID: LCSS	Batch ID: 91468	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532807						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	881.034	10	1000	0	88.1	70	130				
Surr: p-Terphenyl	66.010		80.00		82.5	46	158				

Sample ID: N049328-005A-MS	SampType: MS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/14/2022	RunNo: 160196						
Client ID: ZZZZZ	Batch ID: 91468	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532809						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	887.311	9.9	990.1	6.843	88.9	42	157				
Surr: p-Terphenyl	71.351		79.21		90.1	46	158				

Sample ID: N049328-005A-MSD	SampType: MSD	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 2/14/2022	RunNo: 160196						
Client ID: ZZZZZ	Batch ID: 91468	TestNo: EPA 8015B EPA 3550B		Analysis Date: 2/14/2022	SeqNo: 4532810						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1022.346	10	1000	6.843	102	42	157	887.3	14.1	20	
Surr: p-Terphenyl	72.362		80.00		90.5	46	158		0		

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: E220208LCS2	SampType: LCS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160108						
Client ID: LCSS	Batch ID: E22VS009	TestNo: EPA 8015B		Analysis Date: 2/8/2022	SeqNo: 4529457						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	6.153	1.0	5.000	0	123	73	134				
Surr: Chlorobenzene - d5	118.200		100.0		118	54	144				

Sample ID: E220208MB2	SampType: MBLK	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160108						
Client ID: PBS	Batch ID: E22VS009	TestNo: EPA 8015B		Analysis Date: 2/8/2022	SeqNo: 4529458						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	93.895		100.0		93.9	54	144				

Sample ID: N049314-008BMS	SampType: MS	TestCode: 8015GAS_S	Units: mg/Kg-dry	Prep Date:	RunNo: 160108						
Client ID: ZZZZZ	Batch ID: E22VS009	TestNo: EPA 8015B		Analysis Date: 2/8/2022	SeqNo: 4529460						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	8.025	1.0	5.220	0	154	31	165				
Surr: Chlorobenzene - d5	157.483		104.4		151	54	144				S

Sample ID: N049314-008BMSD	SampType: MSD	TestCode: 8015GAS_S	Units: mg/Kg-dry	Prep Date:	RunNo: 160108						
Client ID: ZZZZZ	Batch ID: E22VS009	TestNo: EPA 8015B		Analysis Date: 2/8/2022	SeqNo: 4529461						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	7.846	1.0	5.220	0	150	31	165	8.025	2.25	20	
Surr: Chlorobenzene - d5	152.601		104.4		146	54	144		0		S

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: Q220208LCS	SampType: LCS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160099						
Client ID: LCSS	Batch ID: Q22VS024	TestNo: EPA 8015B		Analysis Date: 2/8/2022	SeqNo: 4527124						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.885	1.0	5.000	0	97.7	73	134				
Surr: Chlorobenzene - d5	96.064		100.0		96.1	54	144				

Sample ID: Q220208MB1	SampType: MBLK	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160099						
Client ID: PBS	Batch ID: Q22VS024	TestNo: EPA 8015B		Analysis Date: 2/8/2022	SeqNo: 4527125						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	1.0									
Surr: Chlorobenzene - d5	94.136		100.0		94.1	54	144				

Sample ID: N049329-001AMS	SampType: MS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160099						
Client ID: ZZZZZ	Batch ID: Q22VS024	TestNo: EPA 8015B		Analysis Date: 2/8/2022	SeqNo: 4527127						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.448	1.0	5.000	0	89.0	31	165				
Surr: Chlorobenzene - d5	89.669		100.0		89.7	54	144				

Sample ID: N049329-001AMSD	SampType: MSD	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160099						
Client ID: ZZZZZ	Batch ID: Q22VS024	TestNo: EPA 8015B		Analysis Date: 2/8/2022	SeqNo: 4527128						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	5.030	1.0	5.000	0	101	31	165	4.448	12.3	20	
Surr: Chlorobenzene - d5	91.135		100.0		91.1	54	144		0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: Q220209LCS	SampType: LCS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160125						
Client ID: LCSS	Batch ID: Q22VS025	TestNo: EPA 8015B		Analysis Date: 2/9/2022	SeqNo: 4530006						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	5.265	1.0	5.000	0	105	73	134				
Surr: Chlorobenzene - d5	95.999		100.0		96.0	54	144				

Sample ID: Q220209MB1	SampType: MBLK	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160125						
Client ID: PBS	Batch ID: Q22VS025	TestNo: EPA 8015B		Analysis Date: 2/9/2022	SeqNo: 4530007						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	1.0									
Surr: Chlorobenzene - d5	92.029		100.0		92.0	54	144				

Sample ID: N049329-041AMS	SampType: MS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160125						
Client ID: ZZZZZ	Batch ID: Q22VS025	TestNo: EPA 8015B		Analysis Date: 2/9/2022	SeqNo: 4530009						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.946	1.0	5.000	0	98.9	31	165				
Surr: Chlorobenzene - d5	92.943		100.0		92.9	54	144				

Sample ID: N049329-041AMSD	SampType: MSD	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160125						
Client ID: ZZZZZ	Batch ID: Q22VS025	TestNo: EPA 8015B		Analysis Date: 2/9/2022	SeqNo: 4530010						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	5.185	1.0	5.000	0	104	31	165	4.946	4.72	20	
Surr: Chlorobenzene - d5	98.626		100.0		98.6	54	144		0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: Q220210LCS	SampType: LCS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160157						
Client ID: LCSS	Batch ID: Q22VS026	TestNo: EPA 8015B		Analysis Date: 2/10/2022	SeqNo: 4530821						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.898	1.0	5.000	0	98.0	73	134				
Surr: Chlorobenzene - d5	88.882		100.0		88.9	54	144				

Sample ID: Q220210MB1	SampType: MBLK	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160157						
Client ID: PBS	Batch ID: Q22VS026	TestNo: EPA 8015B		Analysis Date: 2/10/2022	SeqNo: 4530822						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	1.0									
Surr: Chlorobenzene - d5	90.730		100.0		90.7	54	144				

Sample ID: N049369-001AMS	SampType: MS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160157						
Client ID: ZZZZZ	Batch ID: Q22VS026	TestNo: EPA 8015B		Analysis Date: 2/10/2022	SeqNo: 4530826						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.283	1.0	5.000	0	85.7	31	165				
Surr: Chlorobenzene - d5	86.059		100.0		86.1	54	144				

Sample ID: N049369-001AMSD	SampType: MSD	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 160157						
Client ID: ZZZZZ	Batch ID: Q22VS026	TestNo: EPA 8015B		Analysis Date: 2/10/2022	SeqNo: 4530827						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.332	1.0	5.000	0	86.6	31	165	4.283	1.14	20	
Surr: Chlorobenzene - d5	86.972		100.0		87.0	54	144		0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220208LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103
Client ID: LCSS	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528398

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	46.060	5.0	40.00	0	115	71	132				
1,1,1-Trichloroethane	49.310	5.0	40.00	0	123	76	139				
1,1,2,2-Tetrachloroethane	35.290	5.0	40.00	0	88.2	74	123				
1,1,2-Trichloroethane	40.110	5.0	40.00	0	100	78	118				
1,1-Dichloroethane	47.290	5.0	40.00	0	118	73	129				
1,1-Dichloroethene	45.130	5.0	40.00	0	113	68	127				
1,1-Dichloropropene	48.120	5.0	40.00	0	120	80	133				
1,2,3-Trichlorobenzene	51.090	5.0	40.00	0	128	79	120				S
1,2,3-Trichloropropane	36.340	5.0	40.00	0	90.9	76	127				
1,2,4-Trichlorobenzene	48.970	5.0	40.00	0	122	78	120				S
1,2,4-Trimethylbenzene	47.170	5.0	40.00	0	118	80	125				
1,2-Dibromo-3-chloropropane	44.890	10	40.00	0	112	60	132				
1,2-Dibromoethane	43.750	5.0	40.00	0	109	69	132				
1,2-Dichlorobenzene	44.310	5.0	40.00	0	111	80	120				
1,2-Dichloroethane	43.120	5.0	40.00	0	108	74	125				
1,2-Dichloropropane	40.860	5.0	40.00	0	102	78	120				
1,3,5-Trimethylbenzene	45.240	5.0	40.00	0	113	80	127				
1,3-Dichlorobenzene	46.230	5.0	40.00	0	116	80	120				
1,3-Dichloropropane	41.360	5.0	40.00	0	103	80	120				
1,4-Dichlorobenzene	44.660	5.0	40.00	0	112	80	120				
2,2-Dichloropropane	51.470	5.0	40.00	0	129	57	158				
2-Butanone	301.370	50	400.0	0	75.3	44	162				
2-Chlorotoluene	42.480	5.0	40.00	0	106	80	121				
4-Chlorotoluene	43.270	5.0	40.00	0	108	80	123				
4-Isopropyltoluene	45.670	5.0	40.00	0	114	78	125				
Benzene	44.980	5.0	40.00	0	112	80	120				
Bromobenzene	43.810	5.0	40.00	0	110	80	120				
Bromodichloromethane	42.000	5.0	40.00	0	105	72	123				
Bromoform	44.850	5.0	40.00	0	112	68	129				
Bromomethane	54.420	5.0	40.00	0	136	42	155				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P: 562.219.7435 | F: 562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P: 702.307.2659 | F: 702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NVO0922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220208LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103						
Client ID: LCSS	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528398						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	44.170	5.0	40.00	0	110	68	146				
Chlorobenzene	44.730	5.0	40.00	0	112	80	120				
Chloroethane	45.190	5.0	40.00	0	113	55	143				
Chloroform	44.960	5.0	40.00	0	112	76	128				
Chloromethane	43.940	5.0	40.00	0	110	60	132				
cis-1,2-Dichloroethene	42.950	5.0	40.00	0	107	74	122				
cis-1,3-Dichloropropene	45.420	5.0	40.00	0	114	77	126				
Dibromochloromethane	44.600	5.0	40.00	0	112	76	124				
Dibromomethane	43.860	5.0	40.00	0	110	74	121				
Dichlorodifluoromethane	38.320	5.0	40.00	0	95.8	44	140				
Ethylbenzene	43.680	5.0	40.00	0	109	80	121				
Freon-113	46.130	5.0	40.00	0	115	57	151				
Hexachlorobutadiene	47.420	5.0	40.00	0	119	75	126				
Isopropylbenzene	41.980	5.0	40.00	0	105	80	124				
m,p-Xylene	96.640	10	80.00	0	121	68	147				
Methylene chloride	42.850	5.0	40.00	0	107	66	124				
MTBE	40.630	5.0	40.00	0	102	63	131				
n-Butylbenzene	48.160	5.0	40.00	0	120	80	138				
n-Propylbenzene	42.570	5.0	40.00	0	106	80	128				
Naphthalene	43.280	5.0	40.00	0	108	63	123				
o-Xylene	45.950	5.0	40.00	0	115	80	120				
sec-Butylbenzene	43.280	5.0	40.00	0	108	78	128				
Styrene	48.080	5.0	40.00	0	120	80	120				S
tert-Butylbenzene	44.290	5.0	40.00	0	111	73	134				
Tetrachloroethene	45.020	5.0	40.00	0	113	75	129				
Toluene	43.210	5.0	40.00	0	108	80	120				
trans-1,2-Dichloroethene	46.100	5.0	40.00	0	115	70	124				
Trichloroethene	45.710	5.0	40.00	0	114	80	123				
Trichlorofluoromethane	55.030	5.0	40.00	0	138	67	151				
Vinyl chloride	46.570	5.0	40.00	0	116	58	141				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220208LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103						
Client ID: LCSS	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528398						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	47.370		50.00		94.7	62	165				
Surr: 4-Bromofluorobenzene	48.780		50.00		97.6	71	125				
Surr: Dibromofluoromethane	49.980		50.00		100	74	143				
Surr: Toluene-d8	48.800		50.00		97.6	80	120				

Sample ID: P220208LCS D	SampType: LCS D	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103						
Client ID: LCSS02	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528399						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.490	5.0	40.00	0	101	71	132	46.06	12.9	20	
1,1,1-Trichloroethane	43.000	5.0	40.00	0	108	76	139	49.31	13.7	20	
1,1,2,2-Tetrachloroethane	33.100	5.0	40.00	0	82.8	74	123	35.29	6.40	20	
1,1,2-Trichloroethane	36.900	5.0	40.00	0	92.2	78	118	40.11	8.34	20	
1,1-Dichloroethane	41.430	5.0	40.00	0	104	73	129	47.29	13.2	20	
1,1-Dichloroethene	39.760	5.0	40.00	0	99.4	68	127	45.13	12.7	20	
1,1-Dichloropropene	44.660	5.0	40.00	0	112	80	133	48.12	7.46	20	
1,2,3-Trichlorobenzene	46.760	5.0	40.00	0	117	79	120	51.09	8.85	20	
1,2,3-Trichloropropane	36.230	5.0	40.00	0	90.6	76	127	36.34	0.303	20	
1,2,4-Trichlorobenzene	46.250	5.0	40.00	0	116	78	120	48.97	5.71	20	
1,2,4-Trimethylbenzene	43.380	5.0	40.00	0	108	80	125	47.17	8.37	20	
1,2-Dibromo-3-chloropropane	38.750	10	40.00	0	96.9	60	132	44.89	14.7	20	
1,2-Dibromoethane	37.290	5.0	40.00	0	93.2	69	132	43.75	15.9	20	
1,2-Dichlorobenzene	41.160	5.0	40.00	0	103	80	120	44.31	7.37	20	
1,2-Dichloroethane	39.830	5.0	40.00	0	99.6	74	125	43.12	7.93	20	
1,2-Dichloropropane	40.840	5.0	40.00	0	102	78	120	40.86	0.0490	20	
1,3,5-Trimethylbenzene	41.570	5.0	40.00	0	104	80	127	45.24	8.46	20	
1,3-Dichlorobenzene	41.290	5.0	40.00	0	103	80	120	46.23	11.3	20	
1,3-Dichloropropane	39.180	5.0	40.00	0	98.0	80	120	41.36	5.41	20	
1,4-Dichlorobenzene	40.880	5.0	40.00	0	102	80	120	44.66	8.84	20	
2,2-Dichloropropane	46.160	5.0	40.00	0	115	57	158	51.47	10.9	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220208LCSD	SampType: LCSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103
Client ID: LCSS02	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528399

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	286.310	50	400.0	0	71.6	44	162	301.4	5.13	20	
2-Chlorotoluene	40.450	5.0	40.00	0	101	80	121	42.48	4.90	20	
4-Chlorotoluene	40.490	5.0	40.00	0	101	80	123	43.27	6.64	20	
4-Isopropyltoluene	42.400	5.0	40.00	0	106	78	125	45.67	7.43	20	
Benzene	42.090	5.0	40.00	0	105	80	120	44.98	6.64	20	
Bromobenzene	42.490	5.0	40.00	0	106	80	120	43.81	3.06	20	
Bromodichloromethane	40.380	5.0	40.00	0	101	72	123	42.00	3.93	20	
Bromoform	41.070	5.0	40.00	0	103	68	129	44.85	8.80	20	
Bromomethane	46.240	5.0	40.00	0	116	42	155	54.42	16.3	20	
Carbon tetrachloride	46.090	5.0	40.00	0	115	68	146	44.17	4.25	20	
Chlorobenzene	41.210	5.0	40.00	0	103	80	120	44.73	8.19	20	
Chloroethane	41.080	5.0	40.00	0	103	55	143	45.19	9.53	20	
Chloroform	41.380	5.0	40.00	0	103	76	128	44.96	8.29	20	
Chloromethane	39.770	5.0	40.00	0	99.4	60	132	43.94	9.96	20	
cis-1,2-Dichloroethene	39.170	5.0	40.00	0	97.9	74	122	42.95	9.21	20	
cis-1,3-Dichloropropene	41.320	5.0	40.00	0	103	77	126	45.42	9.45	20	
Dibromochloromethane	39.280	5.0	40.00	0	98.2	76	124	44.60	12.7	20	
Dibromomethane	40.270	5.0	40.00	0	101	74	121	43.86	8.53	20	
Dichlorodifluoromethane	34.630	5.0	40.00	0	86.6	44	140	38.32	10.1	20	
Ethylbenzene	41.250	5.0	40.00	0	103	80	121	43.68	5.72	20	
Freon-113	40.340	5.0	40.00	0	101	57	151	46.13	13.4	20	
Hexachlorobutadiene	43.300	5.0	40.00	0	108	75	126	47.42	9.08	20	
Isopropylbenzene	38.620	5.0	40.00	0	96.6	80	124	41.98	8.34	20	
m,p-Xylene	88.940	10	80.00	0	111	68	147	96.64	8.30	20	
Methylene chloride	40.050	5.0	40.00	0	100	66	124	42.85	6.76	20	
MTBE	34.980	5.0	40.00	0	87.5	63	131	40.63	14.9	20	
n-Butylbenzene	44.440	5.0	40.00	0	111	80	138	48.16	8.03	20	
n-Propylbenzene	40.850	5.0	40.00	0	102	80	128	42.57	4.12	20	
Naphthalene	39.400	5.0	40.00	0	98.5	63	123	43.28	9.39	20	
o-Xylene	42.980	5.0	40.00	0	107	80	120	45.95	6.68	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220208LCSD	SampType: LCSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103
Client ID: LCSS02	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528399

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	40.320	5.0	40.00	0	101	78	128	43.28	7.08	20	
Styrene	44.670	5.0	40.00	0	112	80	120	48.08	7.35	20	
tert-Butylbenzene	41.800	5.0	40.00	0	104	73	134	44.29	5.78	20	
Tetrachloroethene	43.000	5.0	40.00	0	108	75	129	45.02	4.59	20	
Toluene	41.410	5.0	40.00	0	104	80	120	43.21	4.25	20	
trans-1,2-Dichloroethene	50.460	5.0	40.00	0	126	70	124	46.10	9.03	20	S
Trichloroethene	43.410	5.0	40.00	0	109	80	123	45.71	5.16	20	
Trichlorofluoromethane	48.580	5.0	40.00	0	121	67	151	55.03	12.5	20	
Vinyl chloride	41.160	5.0	40.00	0	103	58	141	46.57	12.3	20	
Surr: 1,2-Dichloroethane-d4	47.190		50.00		94.4	62	165		0		
Surr: 4-Bromofluorobenzene	47.870		50.00		95.7	71	125		0		
Surr: Dibromofluoromethane	47.850		50.00		95.7	74	143		0		
Surr: Toluene-d8	50.580		50.00		101	80	120		0		

Sample ID: P220208MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103
Client ID: PBS	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528401

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220208MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103
Client ID: PBS	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528401

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220208MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160103
Client ID: PBS	Batch ID: P22VS013	TestNo: EPA 8260B		Analysis Date: 2/8/2022	SeqNo: 4528401

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	43.300		50.00		86.6	62	165				
Surr: 4-Bromofluorobenzene	45.800		50.00		91.6	71	125				
Surr: Dibromofluoromethane	46.140		50.00		92.3	74	143				
Surr: Toluene-d8	50.370		50.00		101	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220209LCS2	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151
Client ID: LCSS	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/9/2022	SeqNo: 4530435

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	44.600	5.0	40.00	0	112	71	132				
1,1,1-Trichloroethane	45.270	5.0	40.00	0	113	76	139				
1,1,2,2-Tetrachloroethane	39.260	5.0	40.00	0	98.2	74	123				
1,1,2-Trichloroethane	44.130	5.0	40.00	0	110	78	118				
1,1-Dichloroethane	42.900	5.0	40.00	0	107	73	129				
1,1-Dichloroethene	45.130	5.0	40.00	0	113	68	127				
1,1-Dichloropropene	46.300	5.0	40.00	0	116	80	133				
1,2,3-Trichlorobenzene	48.050	5.0	40.00	0	120	79	120				S
1,2,3-Trichloropropane	39.850	5.0	40.00	0	99.6	76	127				
1,2,4-Trichlorobenzene	46.990	5.0	40.00	0	117	78	120				
1,2,4-Trimethylbenzene	48.130	5.0	40.00	0	120	80	125				
1,2-Dibromo-3-chloropropane	47.160	10	40.00	0	118	60	132				
1,2-Dibromoethane	42.510	5.0	40.00	0	106	69	132				
1,2-Dichlorobenzene	42.980	5.0	40.00	0	107	80	120				
1,2-Dichloroethane	45.050	5.0	40.00	0	113	74	125				
1,2-Dichloropropane	40.520	5.0	40.00	0	101	78	120				
1,3,5-Trimethylbenzene	45.400	5.0	40.00	0	114	80	127				
1,3-Dichlorobenzene	43.900	5.0	40.00	0	110	80	120				
1,3-Dichloropropane	42.600	5.0	40.00	0	106	80	120				
1,4-Dichlorobenzene	44.170	5.0	40.00	0	110	80	120				
2,2-Dichloropropane	48.490	5.0	40.00	0	121	57	158				
2-Butanone	304.800	50	400.0	0	76.2	44	162				
2-Chlorotoluene	42.360	5.0	40.00	0	106	80	121				
4-Chlorotoluene	43.540	5.0	40.00	0	109	80	123				
4-Isopropyltoluene	45.350	5.0	40.00	0	113	78	125				
Benzene	44.210	5.0	40.00	0	111	80	120				
Bromobenzene	43.970	5.0	40.00	0	110	80	120				
Bromodichloromethane	44.250	5.0	40.00	0	111	72	123				
Bromoform	45.970	5.0	40.00	0	115	68	129				
Bromomethane	49.050	5.0	40.00	0	123	42	155				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220209LCS2	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151
Client ID: LCSS	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/9/2022	SeqNo: 4530435

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	43.910	5.0	40.00	0	110	68	146				
Chlorobenzene	44.760	5.0	40.00	0	112	80	120				
Chloroethane	43.920	5.0	40.00	0	110	55	143				
Chloroform	43.350	5.0	40.00	0	108	76	128				
Chloromethane	42.310	5.0	40.00	0	106	60	132				
cis-1,2-Dichloroethene	44.460	5.0	40.00	0	111	74	122				
cis-1,3-Dichloropropene	43.470	5.0	40.00	0	109	77	126				
Dibromochloromethane	45.260	5.0	40.00	0	113	76	124				
Dibromomethane	45.290	5.0	40.00	0	113	74	121				
Dichlorodifluoromethane	34.320	5.0	40.00	0	85.8	44	140				
Ethylbenzene	44.480	5.0	40.00	0	111	80	121				
Freon-113	42.070	5.0	40.00	0	105	57	151				
Hexachlorobutadiene	44.640	5.0	40.00	0	112	75	126				
Isopropylbenzene	42.050	5.0	40.00	0	105	80	124				
m,p-Xylene	96.780	10	80.00	0	121	68	147				
Methylene chloride	42.090	5.0	40.00	0	105	66	124				
MTBE	38.670	5.0	40.00	0	96.7	63	131				
n-Butylbenzene	48.350	5.0	40.00	0	121	80	138				
n-Propylbenzene	42.100	5.0	40.00	0	105	80	128				
Naphthalene	44.260	5.0	40.00	0	111	63	123				
o-Xylene	46.540	5.0	40.00	0	116	80	120				
sec-Butylbenzene	42.490	5.0	40.00	0	106	78	128				
Styrene	47.120	5.0	40.00	0	118	80	120				
tert-Butylbenzene	43.220	5.0	40.00	0	108	73	134				
Tetrachloroethene	45.770	5.0	40.00	0	114	75	129				
Toluene	42.970	5.0	40.00	0	107	80	120				
trans-1,2-Dichloroethene	53.740	5.0	40.00	0	134	70	124				S
Trichloroethene	46.070	5.0	40.00	0	115	80	123				
Trichlorofluoromethane	53.240	5.0	40.00	0	133	67	151				
Vinyl chloride	43.410	5.0	40.00	0	109	58	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220209LCS2	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151						
Client ID: LCSS	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/9/2022	SeqNo: 4530435						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	51.710		50.00		103	62	165				
Surr: 4-Bromofluorobenzene	56.490		50.00		113	71	125				
Surr: Dibromofluoromethane	52.520		50.00		105	74	143				
Surr: Toluene-d8	53.160		50.00		106	80	120				

Sample ID: N049329-002AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151						
Client ID: ZZZZZZ	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530436						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.010	5.0	40.00	0	118	48	152				
1,1,1-Trichloroethane	48.000	5.0	40.00	0	120	42	175				
1,1,2,2-Tetrachloroethane	38.340	5.0	40.00	0	95.9	26	179				
1,1,2-Trichloroethane	44.520	5.0	40.00	0	111	29	188				
1,1-Dichloroethane	46.520	5.0	40.00	0	116	41	166				
1,1-Dichloroethene	46.440	5.0	40.00	0	116	36	161				
1,1-Dichloropropene	45.290	5.0	40.00	0	113	51	157				
1,2,3-Trichlorobenzene	54.640	5.0	40.00	0	137	41	151				
1,2,3-Trichloropropane	43.170	5.0	40.00	0	108	62	156				
1,2,4-Trichlorobenzene	51.500	5.0	40.00	0	129	41	145				
1,2,4-Trimethylbenzene	47.880	5.0	40.00	0	120	54	139				
1,2-Dibromo-3-chloropropane	53.190	10	40.00	0	133	44	171				
1,2-Dibromoethane	45.720	5.0	40.00	0	114	48	174				
1,2-Dichlorobenzene	47.160	5.0	40.00	0	118	64	130				
1,2-Dichloroethane	47.070	5.0	40.00	0	118	52	160				
1,2-Dichloropropane	43.170	5.0	40.00	0	108	54	146				
1,3,5-Trimethylbenzene	45.680	5.0	40.00	0	114	54	138				
1,3-Dichlorobenzene	47.160	5.0	40.00	0	118	62	125				
1,3-Dichloropropane	45.520	5.0	40.00	0	114	68	142				
1,4-Dichlorobenzene	45.910	5.0	40.00	0	115	63	126				
2,2-Dichloropropane	52.420	5.0	40.00	0	131	27	193				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049329-002AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151
Client ID: ZZZZZ	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530436

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	406.610	50	400.0	0	102	16	229				
2-Chlorotoluene	44.460	5.0	40.00	0	111	59	135				
4-Chlorotoluene	45.180	5.0	40.00	0	113	61	134				
4-Isopropyltoluene	45.670	5.0	40.00	0	114	45	137				
Benzene	44.580	5.0	40.00	0	111	56	141				
Bromobenzene	46.760	5.0	40.00	0	117	64	131				
Bromodichloromethane	44.880	5.0	40.00	0	112	52	148				
Bromoform	47.410	5.0	40.00	0	119	54	156				
Bromomethane	53.940	5.0	40.00	0	135	28	166				
Carbon tetrachloride	48.170	5.0	40.00	0	120	45	162				
Chlorobenzene	45.160	5.0	40.00	0	113	63	128				
Chloroethane	43.680	5.0	40.00	0	109	4	182				
Chloroform	46.490	5.0	40.00	0	116	45	165				
Chloromethane	43.880	5.0	40.00	0	110	33	162				
cis-1,2-Dichloroethene	45.390	5.0	40.00	0	113	50	152				
cis-1,3-Dichloropropene	47.510	5.0	40.00	0	119	53	158				
Dibromochloromethane	46.040	5.0	40.00	0	115	59	150				
Dibromomethane	49.740	5.0	40.00	0	124	54	155				
Dichlorodifluoromethane	37.040	5.0	40.00	0	92.6	28	152				
Ethylbenzene	43.780	5.0	40.00	0	109	60	132				
Freon-113	45.160	5.0	40.00	0	113	26	181				
Hexachlorobutadiene	48.400	5.0	40.00	0	121	31	142				
Isopropylbenzene	42.380	5.0	40.00	0	106	50	138				
m,p-Xylene	94.180	10	80.00	0	118	57	142				
Methylene chloride	48.690	5.0	40.00	4.810	110	46	154				
MTBE	44.670	5.0	40.00	0	112	52	165				
n-Butylbenzene	47.460	5.0	40.00	0	119	42	152				
n-Propylbenzene	43.800	5.0	40.00	0	110	53	140				
Naphthalene	49.600	5.0	40.00	0	124	37	158				
o-Xylene	45.550	5.0	40.00	0	114	59	130				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049329-002AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151
Client ID: ZZZZZ	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530436

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	43.250	5.0	40.00	0	108	48	137				
Styrene	48.240	5.0	40.00	0	121	60	133				
tert-Butylbenzene	45.460	5.0	40.00	0	114	49	139				
Tetrachloroethene	45.220	5.0	40.00	0	113	50	141				
Toluene	44.570	5.0	40.00	0	111	47	148				
trans-1,2-Dichloroethene	56.110	5.0	40.00	0	140	43	151				
Trichloroethene	52.140	5.0	40.00	0	130	25	184				
Trichlorofluoromethane	54.060	5.0	40.00	0	135	31	186				
Vinyl chloride	44.030	5.0	40.00	0	110	28	174				
Surr: 1,2-Dichloroethane-d4	57.290		50.00		115	62	165				
Surr: 4-Bromofluorobenzene	54.220		50.00		108	71	125				
Surr: Dibromofluoromethane	55.230		50.00		110	74	143				
Surr: Toluene-d8	54.410		50.00		109	80	120				

Sample ID: N049329-002AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151
Client ID: ZZZZZ	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530437

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.260	5.0	40.00	0	113	48	152	47.01	3.79	20	
1,1,1-Trichloroethane	46.980	5.0	40.00	0	117	42	175	48.00	2.15	20	
1,1,2,2-Tetrachloroethane	30.540	5.0	40.00	0	76.4	26	179	38.34	22.6	20	R
1,1,2-Trichloroethane	45.030	5.0	40.00	0	113	29	188	44.52	1.14	20	
1,1-Dichloroethane	44.790	5.0	40.00	0	112	41	166	46.52	3.79	20	
1,1-Dichloroethene	42.360	5.0	40.00	0	106	36	161	46.44	9.19	20	
1,1-Dichloropropene	49.820	5.0	40.00	0	125	51	157	45.29	9.53	20	
1,2,3-Trichlorobenzene	51.330	5.0	40.00	0	128	41	151	54.64	6.25	20	
1,2,3-Trichloropropane	43.810	5.0	40.00	0	110	62	156	43.17	1.47	20	
1,2,4-Trichlorobenzene	48.960	5.0	40.00	0	122	41	145	51.50	5.06	20	
1,2,4-Trimethylbenzene	46.110	5.0	40.00	0	115	54	139	47.88	3.77	20	
1,2-Dibromo-3-chloropropane	49.250	10	40.00	0	123	44	171	53.19	7.69	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049329-002AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151						
Client ID: ZZZZZ	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530437						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	46.840	5.0	40.00	0	117	48	174	45.72	2.42	20	
1,2-Dichlorobenzene	44.930	5.0	40.00	0	112	64	130	47.16	4.84	20	
1,2-Dichloroethane	47.870	5.0	40.00	0	120	52	160	47.07	1.69	20	
1,2-Dichloropropane	43.500	5.0	40.00	0	109	54	146	43.17	0.762	20	
1,3,5-Trimethylbenzene	44.000	5.0	40.00	0	110	54	138	45.68	3.75	20	
1,3-Dichlorobenzene	45.730	5.0	40.00	0	114	62	125	47.16	3.08	20	
1,3-Dichloropropane	43.920	5.0	40.00	0	110	68	142	45.52	3.58	20	
1,4-Dichlorobenzene	43.160	5.0	40.00	0	108	63	126	45.91	6.17	20	
2,2-Dichloropropane	48.930	5.0	40.00	0	122	27	193	52.42	6.89	20	
2-Butanone	375.460	50	400.0	0	93.9	16	229	406.6	7.97	20	
2-Chlorotoluene	42.900	5.0	40.00	0	107	59	135	44.46	3.57	20	
4-Chlorotoluene	42.690	5.0	40.00	0	107	61	134	45.18	5.67	20	
4-Isopropyltoluene	44.640	5.0	40.00	0	112	45	137	45.67	2.28	20	
Benzene	44.960	5.0	40.00	0	112	56	141	44.58	0.849	20	
Bromobenzene	44.630	5.0	40.00	0	112	64	131	46.76	4.66	20	
Bromodichloromethane	45.750	5.0	40.00	0	114	52	148	44.88	1.92	20	
Bromoform	48.040	5.0	40.00	0	120	54	156	47.41	1.32	20	
Bromomethane	50.280	5.0	40.00	0	126	28	166	53.94	7.02	20	
Carbon tetrachloride	48.620	5.0	40.00	0	122	45	162	48.17	0.930	20	
Chlorobenzene	44.390	5.0	40.00	0	111	63	128	45.16	1.72	20	
Chloroethane	42.500	5.0	40.00	0	106	4	182	43.68	2.74	20	
Chloroform	46.200	5.0	40.00	0	116	45	165	46.49	0.626	20	
Chloromethane	42.580	5.0	40.00	0	106	33	162	43.88	3.01	20	
cis-1,2-Dichloroethene	44.570	5.0	40.00	0	111	50	152	45.39	1.82	20	
cis-1,3-Dichloropropene	46.920	5.0	40.00	0	117	53	158	47.51	1.25	20	
Dibromochloromethane	44.840	5.0	40.00	0	112	59	150	46.04	2.64	20	
Dibromomethane	47.640	5.0	40.00	0	119	54	155	49.74	4.31	20	
Dichlorodifluoromethane	34.930	5.0	40.00	0	87.3	28	152	37.04	5.86	20	
Ethylbenzene	42.390	5.0	40.00	0	106	60	132	43.78	3.23	20	
Freon-113	46.460	5.0	40.00	0	116	26	181	45.16	2.84	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P: 562.219.7435 | F: 562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P: 702.307.2659 | F: 702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049329-002AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151						
Client ID: ZZZZZ	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530437						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	45.100	5.0	40.00	0	113	31	142	48.40	7.06	20	
Isopropylbenzene	42.270	5.0	40.00	0	106	50	138	42.38	0.260	20	
m,p-Xylene	92.830	10	80.00	0	116	57	142	94.18	1.44	20	
Methylene chloride	45.840	5.0	40.00	4.810	103	46	154	48.69	6.03	20	
MTBE	43.330	5.0	40.00	0	108	52	165	44.67	3.05	20	
n-Butylbenzene	46.110	5.0	40.00	0	115	42	152	47.46	2.89	20	
n-Propylbenzene	42.550	5.0	40.00	0	106	53	140	43.80	2.90	20	
Naphthalene	49.000	5.0	40.00	0	123	37	158	49.60	1.22	20	
o-Xylene	44.290	5.0	40.00	0	111	59	130	45.55	2.80	20	
sec-Butylbenzene	41.800	5.0	40.00	0	104	48	137	43.25	3.41	20	
Styrene	46.590	5.0	40.00	0	116	60	133	48.24	3.48	20	
tert-Butylbenzene	44.130	5.0	40.00	0	110	49	139	45.46	2.97	20	
Tetrachloroethene	45.230	5.0	40.00	0	113	50	141	45.22	0.0221	20	
Toluene	45.730	5.0	40.00	0	114	47	148	44.57	2.57	20	
trans-1,2-Dichloroethene	55.650	5.0	40.00	0	139	43	151	56.11	0.823	20	
Trichloroethene	58.150	5.0	40.00	0	145	25	184	52.14	10.9	20	
Trichlorofluoromethane	52.610	5.0	40.00	0	132	31	186	54.06	2.72	20	
Vinyl chloride	43.500	5.0	40.00	0	109	28	174	44.03	1.21	20	
Surr: 1,2-Dichloroethane-d4	53.280		50.00		107	62	165		0		
Surr: 4-Bromofluorobenzene	54.380		50.00		109	71	125		0		
Surr: Dibromofluoromethane	52.930		50.00		106	74	143		0		
Surr: Toluene-d8	56.600		50.00		113	80	120		0		

Sample ID: P220209MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151						
Client ID: PBS	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530438						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Calculations are based on raw values



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 ELAP Cert 2921
 EPA ID CA01638

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 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert N000922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220209MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151
Client ID: PBS	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530438

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220209MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151						
Client ID: PBS	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530438						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	51.910		50.00		104	62	165				
Surr: 4-Bromofluorobenzene	52.590		50.00		105	71	125				
Surr: Dibromofluoromethane	56.810		50.00		114	74	143				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220209MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160151						
Client ID: PBS	Batch ID: P22VS014	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530438						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	53.920		50.00		108	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220210LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156
Client ID: LCSS	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530772

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	44.690	5.0	40.00	0	112	71	132				
1,1,1-Trichloroethane	46.820	5.0	40.00	0	117	76	139				
1,1,2,2-Tetrachloroethane	41.330	5.0	40.00	0	103	74	123				
1,1,2-Trichloroethane	43.840	5.0	40.00	0	110	78	118				
1,1-Dichloroethane	45.550	5.0	40.00	0	114	73	129				
1,1-Dichloroethene	45.220	5.0	40.00	0	113	68	127				
1,1-Dichloropropene	47.730	5.0	40.00	0	119	80	133				
1,2,3-Trichlorobenzene	51.970	5.0	40.00	0	130	79	120				S
1,2,3-Trichloropropane	41.960	5.0	40.00	0	105	76	127				
1,2,4-Trichlorobenzene	48.960	5.0	40.00	0	122	78	120				S
1,2,4-Trimethylbenzene	46.970	5.0	40.00	0	117	80	125				
1,2-Dibromo-3-chloropropane	50.620	10	40.00	0	127	60	132				
1,2-Dibromoethane	47.440	5.0	40.00	0	119	69	132				
1,2-Dichlorobenzene	45.200	5.0	40.00	0	113	80	120				
1,2-Dichloroethane	46.110	5.0	40.00	0	115	74	125				
1,2-Dichloropropane	44.850	5.0	40.00	0	112	78	120				
1,3,5-Trimethylbenzene	45.730	5.0	40.00	0	114	80	127				
1,3-Dichlorobenzene	45.200	5.0	40.00	0	113	80	120				
1,3-Dichloropropane	42.790	5.0	40.00	0	107	80	120				
1,4-Dichlorobenzene	44.700	5.0	40.00	0	112	80	120				
2,2-Dichloropropane	49.630	5.0	40.00	0	124	57	158				
2-Butanone	345.750	50	400.0	0	86.4	44	162				
2-Chlorotoluene	43.420	5.0	40.00	0	109	80	121				
4-Chlorotoluene	43.990	5.0	40.00	0	110	80	123				
4-Isopropyltoluene	45.490	5.0	40.00	0	114	78	125				
Benzene	46.220	5.0	40.00	0	116	80	120				
Bromobenzene	44.930	5.0	40.00	0	112	80	120				
Bromodichloromethane	44.230	5.0	40.00	0	111	72	123				
Bromoform	46.990	5.0	40.00	0	117	68	129				
Bromomethane	54.440	5.0	40.00	0	136	42	155				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220210LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156
Client ID: LCSS	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530772

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	48.910	5.0	40.00	0	122	68	146				
Chlorobenzene	45.060	5.0	40.00	0	113	80	120				
Chloroethane	43.050	5.0	40.00	0	108	55	143				
Chloroform	44.230	5.0	40.00	0	111	76	128				
Chloromethane	42.820	5.0	40.00	0	107	60	132				
cis-1,2-Dichloroethene	42.330	5.0	40.00	0	106	74	122				
cis-1,3-Dichloropropene	45.330	5.0	40.00	0	113	77	126				
Dibromochloromethane	45.460	5.0	40.00	0	114	76	124				
Dibromomethane	47.690	5.0	40.00	0	119	74	121				
Dichlorodifluoromethane	33.110	5.0	40.00	0	82.8	44	140				
Ethylbenzene	44.610	5.0	40.00	0	112	80	121				
Freon-113	46.400	5.0	40.00	0	116	57	151				
Hexachlorobutadiene	47.200	5.0	40.00	0	118	75	126				
Isopropylbenzene	42.290	5.0	40.00	0	106	80	124				
m,p-Xylene	96.560	10	80.00	0	121	68	147				
Methylene chloride	44.590	5.0	40.00	0	111	66	124				
MTBE	40.410	5.0	40.00	0	101	63	131				
n-Butylbenzene	47.610	5.0	40.00	0	119	80	138				
n-Propylbenzene	42.840	5.0	40.00	0	107	80	128				
Naphthalene	47.330	5.0	40.00	0	118	63	123				
o-Xylene	46.500	5.0	40.00	0	116	80	120				
sec-Butylbenzene	42.290	5.0	40.00	0	106	78	128				
Styrene	46.880	5.0	40.00	0	117	80	120				
tert-Butylbenzene	44.890	5.0	40.00	0	112	73	134				
Tetrachloroethene	45.330	5.0	40.00	0	113	75	129				
Toluene	44.210	5.0	40.00	0	111	80	120				
trans-1,2-Dichloroethene	52.760	5.0	40.00	0	132	70	124				S
Trichloroethene	47.220	5.0	40.00	0	118	80	123				
Trichlorofluoromethane	53.780	5.0	40.00	0	134	67	151				
Vinyl chloride	45.080	5.0	40.00	0	113	58	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220210LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156						
Client ID: LCSS	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530772						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	53.110		50.00		106	62	165				
Surr: 4-Bromofluorobenzene	56.050		50.00		112	71	125				
Surr: Dibromofluoromethane	54.660		50.00		109	74	143				
Surr: Toluene-d8	56.030		50.00		112	80	120				

Sample ID: N049329-021 AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156						
Client ID: ZZZZZZ	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530773						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.670	5.0	40.00	0	114	48	152				
1,1,1-Trichloroethane	50.480	5.0	40.00	0	126	42	175				
1,1,2,2-Tetrachloroethane	41.530	5.0	40.00	0	104	26	179				
1,1,2-Trichloroethane	50.820	5.0	40.00	0	127	29	188				
1,1-Dichloroethane	47.830	5.0	40.00	0	120	41	166				
1,1-Dichloroethene	47.790	5.0	40.00	0	119	36	161				
1,1-Dichloropropene	46.980	5.0	40.00	0	117	51	157				
1,2,3-Trichlorobenzene	56.810	5.0	40.00	0	142	41	151				
1,2,3-Trichloropropane	46.010	5.0	40.00	0	115	62	156				
1,2,4-Trichlorobenzene	52.640	5.0	40.00	0	132	41	145				
1,2,4-Trimethylbenzene	47.790	5.0	40.00	0	119	54	139				
1,2-Dibromo-3-chloropropane	54.730	10	40.00	0	137	44	171				
1,2-Dibromoethane	52.610	5.0	40.00	0	132	48	174				
1,2-Dichlorobenzene	46.030	5.0	40.00	0	115	64	130				
1,2-Dichloroethane	52.230	5.0	40.00	0	131	52	160				
1,2-Dichloropropane	45.910	5.0	40.00	0	115	54	146				
1,3,5-Trimethylbenzene	45.100	5.0	40.00	0	113	54	138				
1,3-Dichlorobenzene	45.460	5.0	40.00	0	114	62	125				
1,3-Dichloropropane	47.510	5.0	40.00	0	119	68	142				
1,4-Dichlorobenzene	44.280	5.0	40.00	0	111	63	126				
2,2-Dichloropropane	54.240	5.0	40.00	0	136	27	193				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049329-021AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156
Client ID: ZZZZZ	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530773

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	470.960	50	400.0	0	118	16	229				
2-Chlorotoluene	42.570	5.0	40.00	0	106	59	135				
4-Chlorotoluene	44.200	5.0	40.00	0	110	61	134				
4-Isopropyltoluene	45.410	5.0	40.00	0	114	45	137				
Benzene	46.090	5.0	40.00	0	115	56	141				
Bromobenzene	46.630	5.0	40.00	0	117	64	131				
Bromodichloromethane	48.000	5.0	40.00	0	120	52	148				
Bromoform	53.210	5.0	40.00	0	133	54	156				
Bromomethane	56.200	5.0	40.00	0	140	28	166				
Carbon tetrachloride	48.140	5.0	40.00	0	120	45	162				
Chlorobenzene	44.690	5.0	40.00	0	112	63	128				
Chloroethane	46.740	5.0	40.00	0	117	4	182				
Chloroform	49.900	5.0	40.00	0	125	45	165				
Chloromethane	45.040	5.0	40.00	0	113	33	162				
cis-1,2-Dichloroethene	48.730	5.0	40.00	0	122	50	152				
cis-1,3-Dichloropropene	49.050	5.0	40.00	0	123	53	158				
Dibromochloromethane	48.100	5.0	40.00	0	120	59	150				
Dibromomethane	52.040	5.0	40.00	0	130	54	155				
Dichlorodifluoromethane	35.010	5.0	40.00	0	87.5	28	152				
Ethylbenzene	42.860	5.0	40.00	0	107	60	132				
Freon-113	48.260	5.0	40.00	0	121	26	181				
Hexachlorobutadiene	44.720	5.0	40.00	0	112	31	142				
Isopropylbenzene	41.470	5.0	40.00	0	104	50	138				
m,p-Xylene	95.440	10	80.00	0	119	57	142				
Methylene chloride	48.160	5.0	40.00	0	120	46	154				
MTBE	48.850	5.0	40.00	0	122	52	165				
n-Butylbenzene	47.960	5.0	40.00	0	120	42	152				
n-Propylbenzene	42.770	5.0	40.00	0	107	53	140				
Naphthalene	54.240	5.0	40.00	0	136	37	158				
o-Xylene	47.670	5.0	40.00	0	119	59	130				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049329-021AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156
Client ID: ZZZZZZ	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530773

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	42.150	5.0	40.00	0	105	48	137				
Styrene	48.620	5.0	40.00	0	122	60	133				
tert-Butylbenzene	44.140	5.0	40.00	0	110	49	139				
Tetrachloroethene	40.700	5.0	40.00	0	102	50	141				
Toluene	44.980	5.0	40.00	0	112	47	148				
trans-1,2-Dichloroethene	56.960	5.0	40.00	0	142	43	151				
Trichloroethene	49.250	5.0	40.00	0	123	25	184				
Trichlorofluoromethane	57.080	5.0	40.00	0	143	31	186				
Vinyl chloride	47.970	5.0	40.00	0	120	28	174				
Surr: 1,2-Dichloroethane-d4	63.950		50.00		128	62	165				
Surr: 4-Bromofluorobenzene	58.190		50.00		116	71	125				
Surr: Dibromofluoromethane	60.470		50.00		121	74	143				
Surr: Toluene-d8	55.890		50.00		112	80	120				

Sample ID: N049329-021AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156
Client ID: ZZZZZZ	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530774

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.190	5.0	40.00	0	118	48	152	45.67	3.27	20	
1,1,1-Trichloroethane	52.310	5.0	40.00	0	131	42	175	50.48	3.56	20	
1,1,2,2-Tetrachloroethane	43.890	5.0	40.00	0	110	26	179	41.53	5.53	20	
1,1,2-Trichloroethane	50.310	5.0	40.00	0	126	29	188	50.82	1.01	20	
1,1-Dichloroethane	50.030	5.0	40.00	0	125	41	166	47.83	4.50	20	
1,1-Dichloroethene	47.170	5.0	40.00	0	118	36	161	47.79	1.31	20	
1,1-Dichloropropene	51.930	5.0	40.00	0	130	51	157	46.98	10.0	20	
1,2,3-Trichlorobenzene	56.900	5.0	40.00	0	142	41	151	56.81	0.158	20	
1,2,3-Trichloropropane	49.810	5.0	40.00	0	125	62	156	46.01	7.93	20	
1,2,4-Trichlorobenzene	51.890	5.0	40.00	0	130	41	145	52.64	1.43	20	
1,2,4-Trimethylbenzene	47.520	5.0	40.00	0	119	54	139	47.79	0.567	20	
1,2-Dibromo-3-chloropropane	62.890	10	40.00	0	157	44	171	54.73	13.9	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049329-021 AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156						
Client ID: ZZZZZ	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530774						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	57.590	5.0	40.00	0	144	48	174	52.61	9.04	20	
1,2-Dichlorobenzene	47.060	5.0	40.00	0	118	64	130	46.03	2.21	20	
1,2-Dichloroethane	53.950	5.0	40.00	0	135	52	160	52.23	3.24	20	
1,2-Dichloropropane	48.340	5.0	40.00	0	121	54	146	45.91	5.16	20	
1,3,5-Trimethylbenzene	43.780	5.0	40.00	0	109	54	138	45.10	2.97	20	
1,3-Dichlorobenzene	46.500	5.0	40.00	0	116	62	125	45.46	2.26	20	
1,3-Dichloropropane	50.220	5.0	40.00	0	126	68	142	47.51	5.55	20	
1,4-Dichlorobenzene	46.350	5.0	40.00	0	116	63	126	44.28	4.57	20	
2,2-Dichloropropane	54.390	5.0	40.00	0	136	27	193	54.24	0.276	20	
2-Butanone	536.070	50	400.0	0	134	16	229	471.0	12.9	20	
2-Chlorotoluene	43.460	5.0	40.00	0	109	59	135	42.57	2.07	20	
4-Chlorotoluene	44.150	5.0	40.00	0	110	61	134	44.20	0.113	20	
4-Isopropyltoluene	45.180	5.0	40.00	0	113	45	137	45.41	0.508	20	
Benzene	47.140	5.0	40.00	0	118	56	141	46.09	2.25	20	
Bromobenzene	46.720	5.0	40.00	0	117	64	131	46.63	0.193	20	
Bromodichloromethane	49.890	5.0	40.00	0	125	52	148	48.00	3.86	20	
Bromoform	56.500	5.0	40.00	0	141	54	156	53.21	6.00	20	
Bromomethane	55.860	5.0	40.00	0	140	28	166	56.20	0.607	20	
Carbon tetrachloride	51.630	5.0	40.00	0	129	45	162	48.14	7.00	20	
Chlorobenzene	47.820	5.0	40.00	0	120	63	128	44.69	6.77	20	
Chloroethane	45.840	5.0	40.00	0	115	4	182	46.74	1.94	20	
Chloroform	51.530	5.0	40.00	0	129	45	165	49.90	3.21	20	
Chloromethane	47.050	5.0	40.00	0	118	33	162	45.04	4.37	20	
cis-1,2-Dichloroethene	49.370	5.0	40.00	0	123	50	152	48.73	1.30	20	
cis-1,3-Dichloropropene	49.580	5.0	40.00	0	124	53	158	49.05	1.07	20	
Dibromochloromethane	51.870	5.0	40.00	0	130	59	150	48.10	7.54	20	
Dibromomethane	57.210	5.0	40.00	0	143	54	155	52.04	9.46	20	
Dichlorodifluoromethane	37.220	5.0	40.00	0	93.0	28	152	35.01	6.12	20	
Ethylbenzene	45.450	5.0	40.00	0	114	60	132	42.86	5.87	20	
Freon-113	46.610	5.0	40.00	0	117	26	181	48.26	3.48	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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 ELAP Cert 2921
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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049329-021AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156						
Client ID: ZZZZZ	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530774						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	48.280	5.0	40.00	0	121	31	142	44.72	7.66	20	
Isopropylbenzene	41.640	5.0	40.00	0	104	50	138	41.47	0.409	20	
m,p-Xylene	95.950	10	80.00	0	120	57	142	95.44	0.533	20	
Methylene chloride	52.140	5.0	40.00	0	130	46	154	48.16	7.94	20	
MTBE	50.660	5.0	40.00	0	127	52	165	48.85	3.64	20	
n-Butylbenzene	46.520	5.0	40.00	0	116	42	152	47.96	3.05	20	
n-Propylbenzene	42.470	5.0	40.00	0	106	53	140	42.77	0.704	20	
Naphthalene	56.220	5.0	40.00	0	141	37	158	54.24	3.59	20	
o-Xylene	47.160	5.0	40.00	0	118	59	130	47.67	1.08	20	
sec-Butylbenzene	42.500	5.0	40.00	0	106	48	137	42.15	0.827	20	
Styrene	49.890	5.0	40.00	0	125	60	133	48.62	2.58	20	
tert-Butylbenzene	44.250	5.0	40.00	0	111	49	139	44.14	0.249	20	
Tetrachloroethene	46.420	5.0	40.00	0	116	50	141	40.70	13.1	20	
Toluene	47.360	5.0	40.00	0	118	47	148	44.98	5.15	20	
trans-1,2-Dichloroethene	58.250	5.0	40.00	0	146	43	151	56.96	2.24	20	
Trichloroethene	52.430	5.0	40.00	0	131	25	184	49.25	6.25	20	
Trichlorofluoromethane	57.940	5.0	40.00	0	145	31	186	57.08	1.50	20	
Vinyl chloride	49.010	5.0	40.00	0	123	28	174	47.97	2.14	20	
Surr: 1,2-Dichloroethane-d4	63.580		50.00		127	62	165		0		
Surr: 4-Bromofluorobenzene	55.510		50.00		111	71	125		0		
Surr: Dibromofluoromethane	59.180		50.00		118	74	143		0		
Surr: Toluene-d8	54.890		50.00		110	80	120		0		

Sample ID: P220210MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156						
Client ID: PBS	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530776						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220210MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156
Client ID: PBS	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530776

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220210MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156						
Client ID: PBS	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530776						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	53.920		50.00		108	62	165				
Surr: 4-Bromofluorobenzene	53.500		50.00		107	71	125				
Surr: Dibromofluoromethane	56.200		50.00		112	74	143				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220210MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160156						
Client ID: PBS	Batch ID: P22VS016	TestNo: EPA 8260B		Analysis Date: 2/10/2022	SeqNo: 4530776						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	53.270		50.00		107	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220212LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187
Client ID: LCSS	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532303

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.730	5.0	40.00	0	104	71	132				
1,1,1-Trichloroethane	45.870	5.0	40.00	0	115	76	139				
1,1,2,2-Tetrachloroethane	36.670	5.0	40.00	0	91.7	74	123				
1,1,2-Trichloroethane	38.010	5.0	40.00	0	95.0	78	118				
1,1-Dichloroethane	42.660	5.0	40.00	0	107	73	129				
1,1-Dichloroethene	42.660	5.0	40.00	0	107	68	127				
1,1-Dichloropropene	45.130	5.0	40.00	0	113	80	133				
1,2,3-Trichlorobenzene	48.210	5.0	40.00	0	121	79	120				S
1,2,3-Trichloropropane	38.190	5.0	40.00	0	95.5	76	127				
1,2,4-Trichlorobenzene	45.810	5.0	40.00	0	115	78	120				
1,2,4-Trimethylbenzene	48.520	5.0	40.00	0	121	80	125				
1,2-Dibromo-3-chloropropane	42.250	10	40.00	0	106	60	132				
1,2-Dibromoethane	39.400	5.0	40.00	0	98.5	69	132				
1,2-Dichlorobenzene	43.570	5.0	40.00	0	109	80	120				
1,2-Dichloroethane	41.310	5.0	40.00	0	103	74	125				
1,2-Dichloropropane	38.640	5.0	40.00	0	96.6	78	120				
1,3,5-Trimethylbenzene	45.800	5.0	40.00	0	114	80	127				
1,3-Dichlorobenzene	43.880	5.0	40.00	0	110	80	120				
1,3-Dichloropropane	38.790	5.0	40.00	0	97.0	80	120				
1,4-Dichlorobenzene	43.800	5.0	40.00	0	110	80	120				
2,2-Dichloropropane	47.120	5.0	40.00	0	118	57	158				
2-Butanone	291.770	50	400.0	0	72.9	44	162				
2-Chlorotoluene	41.960	5.0	40.00	0	105	80	121				
4-Chlorotoluene	44.170	5.0	40.00	0	110	80	123				
4-Isopropyltoluene	45.740	5.0	40.00	0	114	78	125				
Benzene	42.890	5.0	40.00	0	107	80	120				
Bromobenzene	46.190	5.0	40.00	0	115	80	120				
Bromodichloromethane	39.410	5.0	40.00	0	98.5	72	123				
Bromoform	43.380	5.0	40.00	0	108	68	129				
Bromomethane	47.700	5.0	40.00	0	119	42	155				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220212LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187						
Client ID: LCSS	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532303						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	45.740	5.0	40.00	0	114	68	146				
Chlorobenzene	42.180	5.0	40.00	0	105	80	120				
Chloroethane	38.310	5.0	40.00	0	95.8	55	143				
Chloroform	42.350	5.0	40.00	0	106	76	128				
Chloromethane	37.320	5.0	40.00	0	93.3	60	132				
cis-1,2-Dichloroethene	40.920	5.0	40.00	0	102	74	122				
cis-1,3-Dichloropropene	41.750	5.0	40.00	0	104	77	126				
Dibromochloromethane	40.850	5.0	40.00	0	102	76	124				
Dibromomethane	41.950	5.0	40.00	0	105	74	121				
Dichlorodifluoromethane	29.460	5.0	40.00	0	73.6	44	140				
Ethylbenzene	42.400	5.0	40.00	0	106	80	121				
Freon-113	42.580	5.0	40.00	0	106	57	151				
Hexachlorobutadiene	49.440	5.0	40.00	0	124	75	126				
Isopropylbenzene	43.670	5.0	40.00	0	109	80	124				
m,p-Xylene	91.120	10	80.00	0	114	68	147				
Methylene chloride	39.890	5.0	40.00	0	99.7	66	124				
MTBE	35.870	5.0	40.00	0	89.7	63	131				
n-Butylbenzene	48.560	5.0	40.00	0	121	80	138				
n-Propylbenzene	43.600	5.0	40.00	0	109	80	128				
Naphthalene	40.180	5.0	40.00	0	100	63	123				
o-Xylene	44.790	5.0	40.00	0	112	80	120				
sec-Butylbenzene	43.630	5.0	40.00	0	109	78	128				
Styrene	44.480	5.0	40.00	0	111	80	120				
tert-Butylbenzene	44.480	5.0	40.00	0	111	73	134				
Tetrachloroethene	44.010	5.0	40.00	0	110	75	129				
Toluene	41.360	5.0	40.00	0	103	80	120				
trans-1,2-Dichloroethene	51.440	5.0	40.00	0	129	70	124				S
Trichloroethene	43.810	5.0	40.00	0	110	80	123				
Trichlorofluoromethane	50.830	5.0	40.00	0	127	67	151				
Vinyl chloride	41.520	5.0	40.00	0	104	58	141				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921 EPA ID CA01638
NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NVO0922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220212LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187						
Client ID: LCSS	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532303						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	50.520		50.00		101	62	165				
Surr: 4-Bromofluorobenzene	52.180		50.00		104	71	125				
Surr: Dibromofluoromethane	53.240		50.00		106	74	143				
Surr: Toluene-d8	53.570		50.00		107	80	120				

Sample ID: N049369-002AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187						
Client ID: ZZZZZZ	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532304						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.230	5.0	40.00	0	113	48	152				
1,1,1-Trichloroethane	47.840	5.0	40.00	0	120	42	175				
1,1,2,2-Tetrachloroethane	36.380	5.0	40.00	0	91.0	26	179				
1,1,2-Trichloroethane	42.880	5.0	40.00	0	107	29	188				
1,1-Dichloroethane	44.470	5.0	40.00	0	111	41	166				
1,1-Dichloroethene	43.950	5.0	40.00	0	110	36	161				
1,1-Dichloropropene	47.640	5.0	40.00	0	119	51	157				
1,2,3-Trichlorobenzene	53.640	5.0	40.00	0	134	41	151				
1,2,3-Trichloropropane	41.890	5.0	40.00	0	105	62	156				
1,2,4-Trichlorobenzene	53.180	5.0	40.00	0	133	41	145				
1,2,4-Trimethylbenzene	51.140	5.0	40.00	0	128	54	139				
1,2-Dibromo-3-chloropropane	50.170	10	40.00	0	125	44	171				
1,2-Dibromoethane	45.150	5.0	40.00	0	113	48	174				
1,2-Dichlorobenzene	45.880	5.0	40.00	0	115	64	130				
1,2-Dichloroethane	44.750	5.0	40.00	0	112	52	160				
1,2-Dichloropropane	42.930	5.0	40.00	0	107	54	146				
1,3,5-Trimethylbenzene	47.000	5.0	40.00	0	118	54	138				
1,3-Dichlorobenzene	46.730	5.0	40.00	0	117	62	125				
1,3-Dichloropropane	44.900	5.0	40.00	0	112	68	142				
1,4-Dichlorobenzene	46.260	5.0	40.00	0	116	63	126				
2,2-Dichloropropane	50.780	5.0	40.00	0	127	27	193				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049369-002AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187
Client ID: ZZZZZZ	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532304

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	347.710	50	400.0	0	86.9	16	229				
2-Chlorotoluene	44.390	5.0	40.00	0	111	59	135				
4-Chlorotoluene	45.180	5.0	40.00	0	113	61	134				
4-Isopropyltoluene	47.120	5.0	40.00	0	118	45	137				
Benzene	45.590	5.0	40.00	0	114	56	141				
Bromobenzene	45.830	5.0	40.00	0	115	64	131				
Bromodichloromethane	44.250	5.0	40.00	0	111	52	148				
Bromoform	47.070	5.0	40.00	0	118	54	156				
Bromomethane	52.760	5.0	40.00	0	132	28	166				
Carbon tetrachloride	48.700	5.0	40.00	0	122	45	162				
Chlorobenzene	44.920	5.0	40.00	0	112	63	128				
Chloroethane	42.780	5.0	40.00	0	107	4	182				
Chloroform	44.230	5.0	40.00	0	111	45	165				
Chloromethane	37.910	5.0	40.00	0	94.8	33	162				
cis-1,2-Dichloroethene	43.960	5.0	40.00	0	110	50	152				
cis-1,3-Dichloropropene	45.760	5.0	40.00	0	114	53	158				
Dibromochloromethane	46.410	5.0	40.00	0	116	59	150				
Dibromomethane	45.710	5.0	40.00	0	114	54	155				
Dichlorodifluoromethane	31.730	5.0	40.00	0	79.3	28	152				
Ethylbenzene	43.800	5.0	40.00	0	110	60	132				
Freon-113	45.040	5.0	40.00	0	113	26	181				
Hexachlorobutadiene	47.220	5.0	40.00	0	118	31	142				
Isopropylbenzene	43.710	5.0	40.00	0	109	50	138				
m,p-Xylene	96.110	10	80.00	0	120	57	142				
Methylene chloride	45.080	5.0	40.00	0	113	46	154				
MTBE	40.860	5.0	40.00	0	102	52	165				
n-Butylbenzene	49.390	5.0	40.00	0	123	42	152				
n-Propylbenzene	44.570	5.0	40.00	0	111	53	140				
Naphthalene	49.030	5.0	40.00	0	123	37	158				
o-Xylene	46.780	5.0	40.00	0	117	59	130				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049369-002AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187
Client ID: ZZZZZ	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532304

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	43.690	5.0	40.00	0	109	48	137				
Styrene	47.280	5.0	40.00	0	118	60	133				
tert-Butylbenzene	45.730	5.0	40.00	0	114	49	139				
Tetrachloroethene	42.610	5.0	40.00	0	107	50	141				
Toluene	44.260	5.0	40.00	0	111	47	148				
trans-1,2-Dichloroethene	55.030	5.0	40.00	0	138	43	151				
Trichloroethene	47.980	5.0	40.00	0	120	25	184				
Trichlorofluoromethane	51.770	5.0	40.00	0	129	31	186				
Vinyl chloride	43.900	5.0	40.00	0	110	28	174				
Surr: 1,2-Dichloroethane-d4	54.090		50.00		108	62	165				
Surr: 4-Bromofluorobenzene	55.440		50.00		111	71	125				
Surr: Dibromofluoromethane	54.890		50.00		110	74	143				
Surr: Toluene-d8	53.700		50.00		107	80	120				

Sample ID: N049369-002AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187
Client ID: ZZZZZ	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532305

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.300	5.0	40.00	0	121	48	152	45.23	6.56	20	
1,1,1-Trichloroethane	53.340	5.0	40.00	0	133	42	175	47.84	10.9	20	
1,1,2,2-Tetrachloroethane	40.480	5.0	40.00	0	101	26	179	36.38	10.7	20	
1,1,2-Trichloroethane	46.980	5.0	40.00	0	117	29	188	42.88	9.13	20	
1,1-Dichloroethane	51.190	5.0	40.00	0	128	41	166	44.47	14.0	20	
1,1-Dichloroethene	49.730	5.0	40.00	0	124	36	161	43.95	12.3	20	
1,1-Dichloropropene	50.890	5.0	40.00	0	127	51	157	47.64	6.60	20	
1,2,3-Trichlorobenzene	54.060	5.0	40.00	0	135	41	151	53.64	0.780	20	
1,2,3-Trichloropropane	42.770	5.0	40.00	0	107	62	156	41.89	2.08	20	
1,2,4-Trichlorobenzene	51.410	5.0	40.00	0	129	41	145	53.18	3.38	20	
1,2,4-Trimethylbenzene	48.930	5.0	40.00	0	122	54	139	51.14	4.42	20	
1,2-Dibromo-3-chloropropane	52.260	10	40.00	0	131	44	171	50.17	4.08	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049369-002AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187
Client ID: ZZZZZ	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532305

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	47.820	5.0	40.00	0	120	48	174	45.15	5.74	20	
1,2-Dichlorobenzene	47.860	5.0	40.00	0	120	64	130	45.88	4.22	20	
1,2-Dichloroethane	48.270	5.0	40.00	0	121	52	160	44.75	7.57	20	
1,2-Dichloropropane	47.190	5.0	40.00	0	118	54	146	42.93	9.45	20	
1,3,5-Trimethylbenzene	46.400	5.0	40.00	0	116	54	138	47.00	1.28	20	
1,3-Dichlorobenzene	47.480	5.0	40.00	0	119	62	125	46.73	1.59	20	
1,3-Dichloropropane	45.420	5.0	40.00	0	114	68	142	44.90	1.15	20	
1,4-Dichlorobenzene	46.320	5.0	40.00	0	116	63	126	46.26	0.130	20	
2,2-Dichloropropane	56.900	5.0	40.00	0	142	27	193	50.78	11.4	20	
2-Butanone	411.650	50	400.0	0	103	16	229	347.7	16.8	20	
2-Chlorotoluene	45.740	5.0	40.00	0	114	59	135	44.39	3.00	20	
4-Chlorotoluene	45.090	5.0	40.00	0	113	61	134	45.18	0.199	20	
4-Isopropyltoluene	46.800	5.0	40.00	0	117	45	137	47.12	0.681	20	
Benzene	46.430	5.0	40.00	0	116	56	141	45.59	1.83	20	
Bromobenzene	46.080	5.0	40.00	0	115	64	131	45.83	0.544	20	
Bromodichloromethane	46.970	5.0	40.00	0	117	52	148	44.25	5.96	20	
Bromoform	50.250	5.0	40.00	0	126	54	156	47.07	6.54	20	
Bromomethane	60.970	5.0	40.00	0	152	28	166	52.76	14.4	20	
Carbon tetrachloride	49.560	5.0	40.00	0	124	45	162	48.70	1.75	20	
Chlorobenzene	46.330	5.0	40.00	0	116	63	128	44.92	3.09	20	
Chloroethane	48.540	5.0	40.00	0	121	4	182	42.78	12.6	20	
Chloroform	50.120	5.0	40.00	0	125	45	165	44.23	12.5	20	
Chloromethane	46.830	5.0	40.00	0	117	33	162	37.91	21.1	20	R
cis-1,2-Dichloroethene	50.180	5.0	40.00	0	125	50	152	43.96	13.2	20	
cis-1,3-Dichloropropene	48.040	5.0	40.00	0	120	53	158	45.76	4.86	20	
Dibromochloromethane	49.970	5.0	40.00	0	125	59	150	46.41	7.39	20	
Dibromomethane	49.720	5.0	40.00	0	124	54	155	45.71	8.40	20	
Dichlorodifluoromethane	34.330	5.0	40.00	0	85.8	28	152	31.73	7.87	20	
Ethylbenzene	44.090	5.0	40.00	0	110	60	132	43.80	0.660	20	
Freon-113	47.340	5.0	40.00	0	118	26	181	45.04	4.98	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N049369-002AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187						
Client ID: ZZZZZ	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532305						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	49.230	5.0	40.00	0	123	31	142	47.22	4.17	20	
Isopropylbenzene	42.840	5.0	40.00	0	107	50	138	43.71	2.01	20	
m,p-Xylene	97.750	10	80.00	0	122	57	142	96.11	1.69	20	
Methylene chloride	50.180	5.0	40.00	0	125	46	154	45.08	10.7	20	
MTBE	50.590	5.0	40.00	0	126	52	165	40.86	21.3	20	R
n-Butylbenzene	47.940	5.0	40.00	0	120	42	152	49.39	2.98	20	
n-Propylbenzene	44.490	5.0	40.00	0	111	53	140	44.57	0.180	20	
Naphthalene	51.850	5.0	40.00	0	130	37	158	49.03	5.59	20	
o-Xylene	48.960	5.0	40.00	0	122	59	130	46.78	4.55	20	
sec-Butylbenzene	43.890	5.0	40.00	0	110	48	137	43.69	0.457	20	
Styrene	50.110	5.0	40.00	0	125	60	133	47.28	5.81	20	
tert-Butylbenzene	44.760	5.0	40.00	0	112	49	139	45.73	2.14	20	
Tetrachloroethene	46.240	5.0	40.00	0	116	50	141	42.61	8.17	20	
Toluene	43.990	5.0	40.00	0	110	47	148	44.26	0.612	20	
trans-1,2-Dichloroethene	61.690	5.0	40.00	0	154	43	151	55.03	11.4	20	S
Trichloroethene	46.870	5.0	40.00	0	117	25	184	47.98	2.34	20	
Trichlorofluoromethane	58.750	5.0	40.00	0	147	31	186	51.77	12.6	20	
Vinyl chloride	47.910	5.0	40.00	0	120	28	174	43.90	8.74	20	
Surr: 1,2-Dichloroethane-d4	59.500		50.00		119	62	165		0		
Surr: 4-Bromofluorobenzene	56.860		50.00		114	71	125		0		
Surr: Dibromofluoromethane	60.400		50.00		121	74	143		0		
Surr: Toluene-d8	53.020		50.00		106	80	120		0		

Sample ID: P220212MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187						
Client ID: PBS	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532307						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220212MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187
Client ID: PBS	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532307

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220212MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187						
Client ID: PBS	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532307						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	50.330		50.00		101	62	165				
Surr: 4-Bromofluorobenzene	51.860		50.00		104	71	125				
Surr: Dibromofluoromethane	55.420		50.00		111	74	143				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220212MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 160187						
Client ID: PBS	Batch ID: P22VS017	TestNo: EPA 8260B		Analysis Date: 2/12/2022	SeqNo: 4532307						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	53.760		50.00		108	80	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: LCS-91460	SampType: LCS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236						
Client ID: LCSS	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/15/2022	SeqNo: 4535462						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3856.500	330	5000	0	77.1	46	120				
1,2-Dichlorobenzene	3560.500	330	5000	0	71.2	44	120				
1,3-Dichlorobenzene	3466.500	330	5000	0	69.3	43	120				
1,4-Dichlorobenzene	3864.000	330	5000	0	77.3	47	120				
2,4,5-Trichlorophenol	4634.000	330	5000	0	92.7	52	120				
2,4,6-Trichlorophenol	4612.000	330	5000	0	92.2	51	120				
2,4-Dichlorophenol	4162.000	1600	5000	0	83.2	47	120				
2,4-Dimethylphenol	4047.000	330	5000	0	80.9	47	120				
2,4-Dinitrophenol	4004.500	1600	5000	0	80.1	30	120				
2,4-Dinitrotoluene	4755.500	330	5000	0	95.1	52	120				
2,6-Dinitrotoluene	5229.000	330	5000	0	105	62	120				
2-Chloronaphthalene	4267.500	330	5000	0	85.4	52	120				
2-Chlorophenol	3731.000	330	5000	0	74.6	46	120				
2-Methylnaphthalene	3959.500	330	5000	0	79.2	47	120				
2-Methylphenol	3742.000	330	5000	0	74.8	48	120				
2-Nitroaniline	4693.500	1600	5000	0	93.9	41	125				
2-Nitrophenol	3945.000	330	5000	0	78.9	45	120				
3,3'-Dichlorobenzidine	5171.500	660	7500	0	69.0	32	120				
3-Nitroaniline	4840.500	1600	5000	0	96.8	54	120				
4,6-Dinitro-2-methylphenol	4580.500	1600	5000	0	91.6	53	120				
4-Bromophenyl-phenylether	4847.500	330	5000	0	97.0	59	120				
4-Chloro-3-methylphenol	4376.500	660	5000	0	87.5	48	120				
4-Chloroaniline	3840.000	660	5000	0	76.8	38	120				
4-Chlorophenyl-phenylether	4239.500	330	5000	0	84.8	53	120				
4-Methylphenol	3853.000	330	5000	0	77.1	48	120				
4-Nitroaniline	4093.000	1600	5000	0	81.9	48	120				
4-Nitrophenol	3017.500	1600	5000	0	60.4	40	120				
Acenaphthene	4189.500	330	5000	0	83.8	47	120				
Acenaphthylene	4300.500	330	5000	0	86.0	48	120				
Anthracene	4583.500	330	5000	0	91.7	52	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: LCS-91460	SampType: LCS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236						
Client ID: LCSS	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/15/2022	SeqNo: 4535462						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)anthracene	4727.500	330	5000	0	94.6	51	120				
Benzo(a)pyrene	4576.000	200	5000	0	91.5	53	120				
Benzo(b)fluoranthene	5429.000	330	5000	0	109	57	120				
Benzo(g,h,i)perylene	5270.500	330	5000	0	105	53	120				
Benzo(k)fluoranthene	4799.000	330	5000	0	96.0	56	120				
Benzoic acid	3959.000	1600	5000	0	79.2	27	120				
Benzyl alcohol	4230.000	660	5000	0	84.6	44	120				
Bis(2-chloroethoxy)methane	4484.000	330	5000	0	89.7	56	120				
Bis(2-chloroethyl)ether	3923.000	330	5000	0	78.5	44	120				
Bis(2-chloroisopropyl)ether	4084.500	330	5000	0	81.7	21	138				
Bis(2-ethylhexyl)phthalate	5366.500	330	5000	0	107	61	129				
Butylbenzylphthalate	5172.500	330	5000	0	103	58	127				
Chrysene	4740.000	330	5000	0	94.8	31	140				
Di-n-butylphthalate	5261.000	330	5000	0	105	61	121				
Di-n-octylphthalate	5221.000	330	5000	0	104	58	132				
Dibenz(a,h)anthracene	4977.000	200	5000	0	99.5	38	137				
Dibenzofuran	4295.500	330	5000	0	85.9	50	120				
Diethylphthalate	4718.500	330	5000	0	94.4	55	120				
Dimethylphthalate	4893.000	330	5000	0	97.9	59	120				
Fluoranthene	4495.500	330	5000	0	89.9	46	120				
Fluorene	4285.000	330	5000	0	85.7	50	120				
Hexachlorobenzene	5055.000	330	5000	0	101	57	120				
Hexachlorocyclopentadiene	3672.000	660	5000	0	73.4	40	120				
Hexachloroethane	3897.000	330	5000	0	77.9	47	120				
Indeno(1,2,3-cd)pyrene	4949.000	330	5000	0	99.0	53	122				
Isophorone	5472.000	330	5000	0	109	64	137				
N-Nitrosodi-n-propylamine	4025.500	330	5000	0	80.5	33	120				
N-Nitrosodiphenylamine	4734.500	330	5000	0	94.7	58	120				
Naphthalene	3699.000	330	5000	0	74.0	45	120				
Nitrobenzene	4106.500	330	5000	0	82.1	46	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: LCS-91460	SampType: LCS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236
Client ID: LCSS	Batch ID: 91460	TestNo: EPA 8270C	EPA 3546	Analysis Date: 2/15/2022	SeqNo: 4535462

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	4175.500	1600	5000	0	83.5	48	120				
Phenanthrene	4623.000	330	5000	0	92.5	52	120				
Phenol	3892.500	330	5000	0	77.8	45	120				
Pyrene	4649.500	330	5000	0	93.0	47	120				
Pyridine	2659.500	1600	5000	0	53.2	23	120				
Surr: 1,2-Dichlorobenzene-d4	3411.500		5000		68.2	23	120				
Surr: 2,4,6-Tribromophenol	4327.500		5000		86.6	16	120				
Surr: 2-Chlorophenol-d4	3798.000		5000		76.0	25	120				
Surr: 2-Fluorobiphenyl	4005.000		5000		80.1	25	120				
Surr: 2-Fluorophenol	3974.500		5000		79.5	24	120				
Surr: 4-Terphenyl-d14	4831.500		5000		96.6	19	123				
Surr: Nitrobenzene-d5	3910.500		5000		78.2	17	120				
Surr: Phenol-d5	4078.000		5000		81.6	23	120				

Sample ID: MB-91460	SampType: MBLK	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236
Client ID: PBS	Batch ID: 91460	TestNo: EPA 8270C	EPA 3546	Analysis Date: 2/16/2022	SeqNo: 4535463

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: MB-91460	SampType: MBLK	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236
Client ID: PBS	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535463

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	200									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: MB-91460	SampType: MBLK	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236						
Client ID: PBS	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535463						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	200									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Pyridine	ND	1600									
Surr: 1,2-Dichlorobenzene-d4	3399.000		5000		68.0	23	120				
Surr: 2,4,6-Tribromophenol	3629.500		5000		72.6	16	120				
Surr: 2-Chlorophenol-d4	3833.000		5000		76.7	25	120				
Surr: 2-Fluorobiphenyl	3798.000		5000		76.0	25	120				
Surr: 2-Fluorophenol	3959.000		5000		79.2	24	120				
Surr: 4-Terphenyl-d14	4582.500		5000		91.7	19	123				
Surr: Nitrobenzene-d5	3721.500		5000		74.4	17	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: MB-91460	SampType: MBLK	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236						
Client ID: PBS	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535463						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Phenol-d5	3980.000		5000		79.6	23	120				

Sample ID: N049329-003A-MS	SampType: MS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236						
Client ID: ZZZZZ	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535465						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2600.901	330	5008	0	51.9	30	120				
1,2-Dichlorobenzene	2504.757	330	5008	0	50.0	30	120				
1,3-Dichlorobenzene	2545.318	330	5008	0	50.8	29	120				
1,4-Dichlorobenzene	2835.754	330	5008	0	56.6	34	120				
2,4,5-Trichlorophenol	2724.086	330	5008	0	54.4	31	120				
2,4,6-Trichlorophenol	2717.576	330	5008	0	54.3	30	120				
2,4-Dichlorophenol	2646.970	1700	5008	0	52.9	27	120				
2,4-Dimethylphenol	2370.556	330	5008	0	47.3	24	120				
2,4-Dinitrophenol	2012.519	1700	5008	0	40.2	9	120				
2,4-Dinitrotoluene	2676.014	330	5008	0	53.4	32	120				
2,6-Dinitrotoluene	3096.144	330	5008	0	61.8	39	120				
2-Chloronaphthalene	2771.157	330	5008	0	55.3	36	120				
2-Chlorophenol	2519.279	330	5008	0	50.3	29	120				
2-Methylnaphthalene	2570.856	330	5008	0	51.3	32	120				
2-Methylphenol	2438.157	330	5008	0	48.7	27	120				
2-Nitroaniline	2786.680	1700	5008	0	55.6	25	125				
2-Nitrophenol	2562.344	330	5008	0	51.2	26	120				
3,3'-Dichlorobenzidine	2528.793	660	7511	0	33.7	11	120				
3-Nitroaniline	2738.107	1700	5008	0	54.7	33	120				
4,6-Dinitro-2-methylphenol	1937.406	1700	5008	0	38.7	22	120				
4-Bromophenyl-phenylether	3020.531	330	5008	0	60.3	38	120				
4-Chloro-3-methylphenol	2592.889	660	5008	0	51.8	29	120				
4-Chloroaniline	2028.042	660	5008	0	40.5	23	120				
4-Chlorophenyl-phenylether	2720.080	330	5008	0	54.3	34	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N049329-003A-MS	SampType: MS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236						
Client ID: ZZZZZZ	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535465						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methylphenol	2444.166	330	5008	0	48.8	28	120				
4-Nitroaniline	2159.239	1700	5008	0	43.1	27	120				
4-Nitrophenol	1261.392	1700	5008	0	25.2	19	120				
Acenaphthene	2745.618	330	5008	0	54.8	30	120				
Acenaphthylene	2792.689	330	5008	0	55.8	31	120				
Anthracene	2817.226	330	5008	0	56.3	33	120				
Benzo(a)anthracene	2861.292	330	5008	0	57.1	30	120				
Benzo(a)pyrene	2734.101	200	5008	0	54.6	32	120				
Benzo(b)fluoranthene	3017.526	330	5008	0	60.3	34	120				
Benzo(g,h,i)perylene	3177.767	330	5008	0	63.5	26	120				
Benzo(k)fluoranthene	2983.475	330	5008	0	59.6	32	120				
Benzoic acid	683.025	1700	5008	0	13.6	4	120				
Benzyl alcohol	2712.569	660	5008	0	54.2	30	120				
Bis(2-chloroethoxy)methane	3063.595	330	5008	0	61.2	37	120				
Bis(2-chloroethyl)ether	2753.630	330	5008	0	55.0	29	120				
Bis(2-chloroisopropyl)ether	2934.402	330	5008	0	58.6	22	120				
Bis(2-ethylhexyl)phthalate	3360.040	330	5008	0	67.1	40	125				
Butylbenzylphthalate	3237.356	330	5008	0	64.6	37	123				
Chrysene	2853.781	330	5008	0	57.0	13	134				
Di-n-butylphthalate	3245.869	330	5008	0	64.8	42	120				
Di-n-octylphthalate	3189.785	330	5008	0	63.7	34	129				
Dibenz(a,h)anthracene	2998.998	200	5008	0	59.9	14	128				
Dibenzofuran	2680.521	330	5008	0	53.5	33	120				
Diethylphthalate	2917.376	330	5008	0	58.3	37	120				
Dimethylphthalate	3051.577	330	5008	0	60.9	39	120				
Fluoranthene	2709.564	330	5008	0	54.1	28	120				
Fluorene	2684.527	330	5008	0	53.6	32	120				
Hexachlorobenzene	2945.418	330	5008	0	58.8	36	120				
Hexachlorocyclopentadiene	2540.310	660	5008	0	50.7	15	120				
Hexachloroethane	2780.671	330	5008	0	55.5	29	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N049329-003A-MS	SampType: MS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236
Client ID: ZZZZZ	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535465

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	2970.456	330	5008	0	59.3	27	120				
Isophorone	3535.303	330	5008	0	70.6	39	140				
N-Nitrosodi-n-propylamine	2755.633	330	5008	0	55.0	32	120				
N-Nitrosodiphenylamine	2911.367	330	5008	0	58.1	37	120				
Naphthalene	2547.321	330	5008	0	50.9	30	120				
Nitrobenzene	2737.606	330	5008	0	54.7	30	120				
Pentachlorophenol	2238.858	1700	5008	0	44.7	17	120				
Phenanthrene	2870.806	330	5008	0	57.3	32	120				
Phenol	2543.816	330	5008	0	50.8	28	120				
Pyrene	2783.676	330	5008	0	55.6	28	120				
Pyridine	2061.092	1700	5008	0	41.2	15	120				
Surr: 1,2-Dichlorobenzene-d4	2779.169		5008		55.5	23	120				
Surr: 2,4,6-Tribromophenol	2873.310		5008		57.4	16	120				
Surr: 2-Chlorophenol-d4	2890.836		5008		57.7	25	120				
Surr: 2-Fluorobiphenyl	3006.009		5008		60.0	25	120				
Surr: 2-Fluorophenol	3054.582		5008		61.0	24	120				
Surr: 4-Terphenyl-d14	3293.941		5008		65.8	19	123				
Surr: Nitrobenzene-d5	2949.925		5008		58.9	17	120				
Surr: Phenol-d5	3004.006		5008		60.0	23	120				

Sample ID: N049329-003A-MSD	SampType: MSD	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236
Client ID: ZZZZZ	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535466

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3232.044	330	5023	0	64.4	30	120	2601	21.6	20	R
1,2-Dichlorobenzene	3143.144	330	5023	0	62.6	30	120	2505	22.6	20	R
1,3-Dichlorobenzene	3137.117	330	5023	0	62.5	29	120	2545	20.8	20	R
1,4-Dichlorobenzene	3479.156	330	5023	0	69.3	34	120	2836	20.4	20	R
2,4,5-Trichlorophenol	3684.581	330	5023	0	73.4	31	120	2724	30.0	20	R
2,4,6-Trichlorophenol	3535.409	330	5023	0	70.4	30	120	2718	26.2	20	R

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N049329-003A-MSD	SampType: MSD	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236						
Client ID: ZZZZZ	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535466						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dichlorophenol	3481.165	1700	5023	0	69.3	27	120	2647	27.2	20	R
2,4-Dimethylphenol	3183.325	330	5023	0	63.4	24	120	2371	29.3	20	R
2,4-Dinitrophenol	2442.993	1700	5023	0	48.6	9	120	2013	19.3	20	
2,4-Dinitrotoluene	3545.957	330	5023	0	70.6	32	120	2676	28.0	20	R
2,6-Dinitrotoluene	4042.190	330	5023	0	80.5	39	120	3096	26.5	20	R
2-Chloronaphthalene	3515.821	330	5023	0	70.0	36	120	2771	23.7	20	R
2-Chlorophenol	3270.216	330	5023	0	65.1	29	120	2519	25.9	20	R
2-Methylnaphthalene	3286.288	330	5023	0	65.4	32	120	2571	24.4	20	R
2-Methylphenol	3150.176	330	5023	0	62.7	27	120	2438	25.5	20	R
2-Nitroaniline	3744.852	1700	5023	0	74.6	25	125	2787	29.3	20	R
2-Nitrophenol	3374.686	330	5023	0	67.2	26	120	2562	27.4	20	R
3,3'-Dichlorobenzidine	3462.582	660	7534	0	46.0	11	120	2529	31.2	20	R
3-Nitroaniline	3667.002	1700	5023	0	73.0	33	120	2738	29.0	20	R
4,6-Dinitro-2-methylphenol	2562.531	1700	5023	0	51.0	22	120	1937	27.8	20	R
4-Bromophenyl-phenylether	3871.421	330	5023	0	77.1	38	120	3021	24.7	20	R
4-Chloro-3-methylphenol	3476.143	660	5023	0	69.2	29	120	2593	29.1	20	R
4-Chloroaniline	2878.955	660	5023	0	57.3	23	120	2028	34.7	20	R
4-Chlorophenyl-phenylether	3447.012	330	5023	0	68.6	34	120	2720	23.6	20	R
4-Methylphenol	3233.551	330	5023	0	64.4	28	120	2444	27.8	20	R
4-Nitroaniline	2962.833	1700	5023	0	59.0	27	120	2159	31.4	20	R
4-Nitrophenol	2143.144	1700	5023	0	42.7	19	120	1261	51.8	20	R
Acenaphthene	3490.206	330	5023	0	69.5	30	120	2746	23.9	20	R
Acenaphthylene	3614.766	330	5023	0	72.0	31	120	2793	25.7	20	R
Anthracene	3639.377	330	5023	0	72.5	33	120	2817	25.5	20	R
Benzo(a)anthracene	3701.657	330	5023	0	73.7	30	120	2861	25.6	20	R
Benzo(a)pyrene	3565.043	200	5023	0	71.0	32	120	2734	26.4	20	R
Benzo(b)fluoranthene	4150.678	330	5023	0	82.6	34	120	3018	31.6	20	R
Benzo(g,h,i)perylene	4166.750	330	5023	0	83.0	26	120	3178	26.9	20	R
Benzo(k)fluoranthene	3649.422	330	5023	0	72.7	32	120	2983	20.1	20	R
Benzoic acid	944.751	1700	5023	0	18.8	4	120	683.0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N049329-003A-MSD	SampType: MSD	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236						
Client ID: ZZZZZZ	Batch ID: 91460	TestNo: EPA 8270C EPA 3546		Analysis Date: 2/16/2022	SeqNo: 4535466						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl alcohol	3466.097	660	5023	0	69.0	30	120	2713	24.4	20	R
Bis(2-chloroethoxy)methane	3833.752	330	5023	0	76.3	37	120	3064	22.3	20	R
Bis(2-chloroethyl)ether	3521.848	330	5023	0	70.1	29	120	2754	24.5	20	R
Bis(2-chloroisopropyl)ether	3625.816	330	5023	0	72.2	22	120	2934	21.1	20	R
Bis(2-ethylhexyl)phthalate	4154.194	330	5023	0	82.7	40	125	3360	21.1	20	R
Butylbenzylphthalate	4096.434	330	5023	0	81.6	37	123	3237	23.4	20	R
Chrysene	3689.101	330	5023	0	73.4	13	134	2854	25.5	20	R
Di-n-butylphthalate	4083.375	330	5023	0	81.3	42	120	3246	22.9	20	R
Di-n-octylphthalate	3933.702	330	5023	0	78.3	34	129	3190	20.9	20	R
Dibenz(a,h)anthracene	3942.240	200	5023	0	78.5	14	128	2999	27.2	20	R
Dibenzofuran	3438.473	330	5023	0	68.5	33	120	2681	24.8	20	R
Diethylphthalate	3741.838	330	5023	0	74.5	37	120	2917	24.8	20	R
Dimethylphthalate	3861.376	330	5023	0	76.9	39	120	3052	23.4	20	R
Fluoranthene	3536.916	330	5023	0	70.4	28	120	2710	26.5	20	R
Fluorene	3518.332	330	5023	0	70.1	32	120	2685	26.9	20	R
Hexachlorobenzene	3884.480	330	5023	0	77.3	36	120	2945	27.5	20	R
Hexachlorocyclopentadiene	3171.773	660	5023	0	63.2	15	120	2540	22.1	20	R
Hexachloroethane	3471.622	330	5023	0	69.1	29	120	2781	22.1	20	R
Indeno(1,2,3-cd)pyrene	3879.458	330	5023	0	77.2	27	120	2970	26.5	20	R
Isophorone	4471.120	330	5023	0	89.0	39	140	3535	23.4	20	R
N-Nitrosodi-n-propylamine	3497.238	330	5023	0	69.6	32	120	2756	23.7	20	R
N-Nitrosodiphenylamine	3691.110	330	5023	0	73.5	37	120	2911	23.6	20	R
Naphthalene	3216.474	330	5023	0	64.0	30	120	2547	23.2	20	R
Nitrobenzene	3469.111	330	5023	0	69.1	30	120	2738	23.6	20	R
Pentachlorophenol	2741.838	1700	5023	0	54.6	17	120	2239	20.2	20	R
Phenanthrene	3714.716	330	5023	0	74.0	32	120	2871	25.6	20	R
Phenol	3335.008	330	5023	0	66.4	28	120	2544	26.9	20	R
Pyrene	3617.278	330	5023	0	72.0	28	120	2784	26.0	20	R
Pyridine	2546.961	1700	5023	0	50.7	15	120	2061	21.1	20	R
Surr: 1,2-Dichlorobenzene-d4	3038.172		5023		60.5	23	120		0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921 EPA ID CA01638
 NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NVO0922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049329
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N049329-003A-MSD	SampType: MSD	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 2/14/2022	RunNo: 160236
Client ID: ZZZZZ	Batch ID: 91460	TestNo: EPA 8270C	EPA 3546	Analysis Date: 2/16/2022	SeqNo: 4535466

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	3301.858		5023		65.7	16	120		0	0	
Surr: 2-Chlorophenol-d4	3271.723		5023		65.1	25	120		0	0	
Surr: 2-Fluorobiphenyl	3297.840		5023		65.7	25	120		0	0	
Surr: 2-Fluorophenol	3394.776		5023		67.6	24	120		0	0	
Surr: 4-Terphenyl-d14	3643.395		5023		72.5	19	123		0	0	
Surr: Nitrobenzene-d5	3282.270		5023		65.4	17	120		0	0	
Surr: Phenol-d5	3401.306		5023		67.7	23	120		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CHAIN OF CUSTODY RECORD

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11110 Artesia Blvd. Ste. B • Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: THE WESTMARK GROUP		Report to:	Bill to: Accts Payable	EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 7145 S. Buffalo DR C-105		Company: THE WESTMARK GROUP	Address: 873 E State St.	Excel EDD <input type="checkbox"/>	RTNE <input type="checkbox"/>			1. Chilled <input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
Address: LV, NV 89113		Email:	Eagle, ID 83616	Geotracker <input type="checkbox"/>	RWQCB <input type="checkbox"/>			2. Headspace <input type="checkbox"/>	
Phone: 702-839-2960	Fax: 702-839-2962	Address: Same	Email to:	LabSpec <input type="checkbox"/>	CalTrans <input type="checkbox"/>			3. Container Intact <input checked="" type="checkbox"/>	
Submitted By: L. Robertson		Address: Same	PO#:	Others <input type="checkbox"/>	Level III <input type="checkbox"/>			4. Seal Present <input type="checkbox"/>	
Title: Field Supervisor	Phone: Same	Address: Same	Phone:	Specify:	LEVEL IV <input type="checkbox"/>			5. IR number <input type="checkbox"/>	
Signature: <i>[Signature]</i> Date: 2/2/22	Sampler's Signature and Date: <i>[Signature]</i> 2/2/22	Address: Same	Fax:	Global ID:	Regulatory <input type="checkbox"/>			6. Method of Cooling <input type="checkbox"/>	Ice
Project Name: Halloran Summit Rd		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.		Matrix		Analyses Requested			
Project Number: 21-2640-02		Sampler's Name: L. Robertson		Ground <input type="checkbox"/>	Sediment <input type="checkbox"/>	8260 Full List 8015 TPH GPO 8015 TPH DRO PCRA 8 metals			
				Potable <input type="checkbox"/>	Soil <input type="checkbox"/>				
				NPOES <input type="checkbox"/>	Other Solid <input type="checkbox"/>				
				Surface <input type="checkbox"/>					
				Turn Around Time	No. of container	Container Type	PRESERVATION		
							Courier: Walk-in		
							Tracking No.		

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	8260 Full List	8015 TPH GPO	8015 TPH DRO	PCRA 8 metals	E	I	T	C	Remarks
1	N049329-01	B1-5	2/2	1010		X		X	X	X	X					
2	-02	B1-15	2/2	1033		X		X	X	X	X					
3	-03	B1-25	2/2	1103		X		X	X	X	X					
4	-04	B1-30	2/2	1122		X		X	X	X	X					
5	-05	B1-35	2/2	1137		X		X	X	X	X					
6	-06	B1-40	2/2	1150		X		X	X	X	X					
7	-07	B1-45	2/2	1154		X		X	X	X	X					
8	-08	B2-5	2/2	1417		X		X	X	X	X					
9	-09	B2-10	2/2	1429		X		X	X	X	X					
10	-10	B2-15	2/2	1440		X		X	X	X	X					

Relinquished by (Signature and Printed Name): <i>[Signature]</i> L. Robertson	Date / Time: 2/2/22 1536	Received by (Signature and Printed Name): <i>[Signature]</i> Yoandra Rodriguez	Date / Time: 2/2/22 1539	Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00 PM.	Special Instruction:
Relinquished by (Signature and Printed Name):	Date / Time:	Received by (Signature and Printed Name):	Date / Time:		
Relinquished by (Signature and Printed Name):	Date / Time:	Received by (Signature and Printed Name):	Date / Time:		

Terms:
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.

5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.



White = Laboratory Copy
Yellow = Customer's Copy

Preservatives:
H = HCl N = HNO3 S = H2SO4 C = 4°C
Z = Zn(Ac)2 O = NaOH T = Na2S2O5
Others/Specify:



Container Type:
T = Tube V = VOA P = Pint
J = Jar B = Tedlar G = Glass
M = Metal P = Plastic C = Can



CHAIN OF CUSTODY RECORD

Client: THE WESTMARK GROUP		Report to: J Westmark		Bill to: Accts Payable		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 7145 S. Buffalo DR C-105		Company: THE WESTMARK GROUP		Address: 873 E STATE ST		Excel EDD <input type="checkbox"/>		RTNE <input type="checkbox"/>		1. Chilled <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Address: LV, NV 89113		Email: jwestmark@westmarkgroup.net		Address: Eagle, ID 83616		Geotracker <input type="checkbox"/>		RWQCB <input type="checkbox"/>		2. Headspace <input type="checkbox"/>	
Phone: 702-839-2960 Fax: 702-839-2962		Address: Same		Email to: _____ PO# _____		Labspec <input type="checkbox"/>		CalTrans <input type="checkbox"/>		3. Container Intact <input checked="" type="checkbox"/>	
Submitted By: L. Robertson		Phone: Same Fax: Same		Phone: _____ Fax: _____		Others <input type="checkbox"/>		Level III <input type="checkbox"/>		4. Seal Present <input type="checkbox"/>	
Title: Field Supervisor		Signature:  Date: 2/3/22		Sampler's Signature and Date:  2/3/22		Specify: _____		LEVEL IV <input type="checkbox"/>		5. IR number <input type="checkbox"/>	
Project Name: Halloran Summit Rd		Project Number: 21-2640-02		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.		Global ID: _____		Regulatory <input type="checkbox"/>		6. Method of Cooling Ice	
				Sampler's Name: L. Robertson				Specify State: _____		Sample Temp: 1.1°C	
						Matrix		Analyses Requested		Turn Around Time	
						Ground <input type="checkbox"/> Sediment <input type="checkbox"/>		8260 FullList		No. of container	
						Potable <input type="checkbox"/> Soil <input checked="" type="checkbox"/>		8015 TPH GPO		Container Type	
						NPDES <input type="checkbox"/> Other Solid <input type="checkbox"/>		8015 TPH DPO		PRESERVATION	
						Surface <input type="checkbox"/>		RCRAS metals		Remarks	

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	8260 FullList	8015 TPH GPO	8015 TPH DPO	RCRAS metals	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N049329-21	B3-30	2/3	1027		X		X	X	X	X	E	I	T	C	
2	-22	B3-35	2/3	1045		X		X	X	X	X	E	I	T	C	
3	-23	B3-40	2/3	1110		X		X	X	X	X	E	I	T	C	
4	-24	B3-45	2/3	1130		X		X	X	X	X	E	I	T	C	
5	-25	B4-5	2/3	1231		X		X	X	X	X	E	I	T	C	
6	-26	B4-10	2/3	1325		X		X	X	X	X	E	I	T	C	
7	-27	B4-15	2/3	1340		X		X	X	X	X	E	I	T	C	
8	-28	B4-20	2/3	1356		X		X	X	X	X	E	I	T	C	
9	-29	B4-25	2/3	1410		X		X	X	X	X	E	I	T	C	
10	-30	B4-30	2/3	1533		X		X	X	X	X	E	I	T	C	

Relinquished by (Signature and Printed Name):  L. Robertson Date / Time: 2/7/22 1536	Received by (Signature and Printed Name):  Yvonne Rodriguez Date / Time: 2/7/22 1539	Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if sample received after 3:00 PM.	Special Instruction:
Relinquished by (Signature and Printed Name): _____ Date / Time: _____	Received by (Signature and Printed Name): _____ Date / Time: _____		
Relinquished by (Signature and Printed Name): _____ Date / Time: _____	Received by (Signature and Printed Name): _____ Date / Time: _____		

Terms
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 300% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 5% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.

5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Turnaround is net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

White = Laboratory Copy
Yellow = Customer's Copy

Preservatives:
H = HCl N = HNO3 S = H2SO4 C = 4°C
Z = Zn(AC)2 O = NaOH T = Na2S2O3

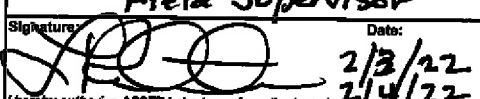
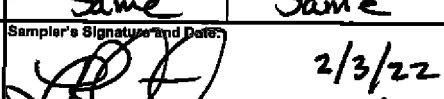
Container Type:
T = Tube V = VOA P = Pint
J = Jar B = Tedlar G = Glass
M = Metal P = Plastic C = Can





CHAIN OF CUSTODY RECORD

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11110 Artesia Blvd. Ste. B • Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Page **4** of **5**

Client: THE WESTMARK GROUP		Report to: J WESTMARK		Bill to: Accts Payable		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 7145 S. Buffalo Dr C-1058		Company: westmark@westmarkgroup.net		Address: 873 E STATE ST		Excel EDD <input type="checkbox"/>		RTNE <input type="checkbox"/>		1. Chilled <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Address: LV, NV 89113		Email: THE WESTMARK GROUP		Address: Eagle, ID 83616		GeoTracker <input type="checkbox"/>		RWQCB <input type="checkbox"/>		2. Headspace <input type="checkbox"/>	
Phone: 702-839-2960 Fax: 702-839-2962		Address: Same		Email to: _____ PO# _____		Labspec <input type="checkbox"/>		CalTrans <input type="checkbox"/>		3. Container Intact <input checked="" type="checkbox"/>	
Submitted By: L. Robertson		Phone: Same Fax: Same		Phone: _____ Fax: _____		Others <input type="checkbox"/>		Level III <input type="checkbox"/>		4. Seal Present <input checked="" type="checkbox"/>	
Title: Field Supervisor		Signature:  Date: 2/3/22		Sampler's Signature and Date:  2/3/22		Specify:		LEVEL IV <input type="checkbox"/>		5. IR number 1	
Project Name: Halloran Summit Rd		Project Number: 21-2640-02		Sampler's Name: L. Robertson		Global ID: _____		Regulatory <input type="checkbox"/>		8. Method of Cooling Ice	
								Specify State: _____		Sample Temp: Walk-in	
										Courier: _____	
										Tracking No. _____	
										Remarks	

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	8260 Full List	8015 TPH GRO	8015 TPH DRO	PCRA 8 metals	Turn Around Time	Nc. of container	Container Type	PRESERVATION	Remarks
1	N049329-31	B4-35	2/3	1556		X		X	X	X		E	I	T	C	
2	-32	B4-40	2/3	1612		X		X	X	X		E	I	T	C	
3	-33	B4-45	2/3	1650		X		X	X	X		E	I	T	C	
4	-34	B5-5	2/4	0928		X		X	X	X		E	I	T	C	
5	-35	B5-10	2/4	0939		X		X	X	X		E	I	T	C	
6	-36	B5-15	2/4	0952		X		X	X	X		E	I	T	C	
7	-37	B5-20	2/4	1013		X		X	X	X		E	I	T	C	
8	-38	B5-30	2/4	1039		X		X	X	X		E	I	T	C	
9	-39	B5-40	2/4	1213		X		X	X	X		E	I	T	C	
10	-40	B6-5	2/4	1449		X		X	X	X		E	I	T	C	

Relinquished by (Signature and Printed Name):  L. Robertson 2/7/22 1536	Date / Time: 2/7/22 1536	Received by (Signature and Printed Name):  Joandra Rodriguez 2/7/22	Date / Time: 2/7/22 1539	Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00 PM.	Special instruction:
Relinquished by (Signature and Printed Name):	Date / Time:	Received by (Signature and Printed Name):	Date / Time:		
Relinquished by (Signature and Printed Name):	Date / Time:	Received by (Signature and Printed Name):	Date / Time:		

TERMS:
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis:
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 25% 4 Workdays = 20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontractor analysis, TAT and Surcharges will vary.

White = Laboratory Copy

Yellow = Customer's Copy

Preservatives:				Container Type:		
H = HCl	N = HNO3	S = H2SO4	C = 4°C	T = Tube	V = VOA	P = Pint
Z = Zn(AC)2	O = NaOH	T = Na2SeO3		J = Jar	B = Teflar	G = Glass
Others/Specify:				M = Metal	P = Plastic	C = Can



CHAIN OF CUSTODY RECORD

Client: THE WESTMARK GROUP		Report to: J. WESTMARK		Bill to: Accts Payable		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 7145 S. Buffalo DR C-105		Company: THE WESTMARK GROUP		Address: 873 E. STATE ST		Excel EDD <input type="checkbox"/>		RTNE <input type="checkbox"/>		Y N	
Address: LV NV 89113		Email: jwestmark@westmarkgroup.net		Address: EAGLE, ID 83616		Geotracker <input type="checkbox"/>		RWQCB <input type="checkbox"/>		1. Chilled <input type="checkbox"/>	
Phone: 702-839-2960 Fax: 702-839-2962		Address: Same		Email to:		Labspec <input type="checkbox"/>		CalTrans <input type="checkbox"/>		2. Headspace <input type="checkbox"/>	
Submitted by: L. Robertson		Phone: Same Fax: Same		PO#		Others <input type="checkbox"/>		Level III <input type="checkbox"/>		3. Container Intact <input checked="" type="checkbox"/>	
Title: Field Supervisor		Sampler's Signature and Date: [Signature] 2/4/22		Phone:		Specify:		LEVEL IV <input type="checkbox"/>		4. Seal Present <input type="checkbox"/>	
Signature: [Signature] Date: 2/4/22		Project Name: Halloran Summit Rd		Fax:		Global ID:		Regulatory <input type="checkbox"/>		5. IR number 1	
Project Number: 21-2640-02		Sampler's Name: L. Robertson		Matrix		Analyses Requested		Specify State:		6. Method of Cooling Ice	
I hereby authorize ASSET Labs to perform the tests indicated below:		Surface <input type="checkbox"/>		Ground <input type="checkbox"/>		Sediment <input type="checkbox"/>		Turn Around Time		Sample Temp: 1.1°C	
		Potable <input type="checkbox"/>		Soil <input checked="" type="checkbox"/>		NPDES <input type="checkbox"/>		No. of container		Courier: WAK-IN	
		Other Solid <input type="checkbox"/>		Surface <input type="checkbox"/>		8260 FULL LIST		Container Type		Tracking No.	
						8015 TPH GRO		PRESERVATION			
						8015 TPH DR0					
						RCRA-8 metals					

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	8260 FULL LIST	8015 TPH GRO	8015 TPH DR0	RCRA-8 metals	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N049329-41	B6-10	2/4	1451		X		X	X	X	X	E	1	T	C	
2	-42	B6-15	2/4	1503		X		X	X	X	X	E	1	T	C	
3	-43	B6-20	2/4	1520		X		X	X	X	X	E	1	T	C	
4	-44	B6-25	2/4	1527		X		X	X	X	X	E	1	T	C	
5	-45	B6-30	2/4	1540		X		X	X	X	X	E	1	T	C	
6																
7																
8																
9																
10																

Relinquished by (Signature and Printed Name): [Signature] L. Robertson Date / Time: 2/7/22 1536	Received by (Signature and Printed Name): [Signature] Joaquin Rodriguez Date / Time: 2/7/22 1535	Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00 PM.	Special Instruction:
Relinquished by (Signature and Printed Name):	Received by (Signature and Printed Name):		
Relinquished by (Signature and Printed Name):	Received by (Signature and Printed Name):		

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1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
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4. Add 10% surcharge for Level II Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.

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9. For subcontract analysis, TAT and Surcharges will vary.

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Yellow = Customer's Copy

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Z = Zn(Ac)2 O = NaOH T = Na2S2O5
Others/Specify:

Container Type:
T = Tube V = VOA P = Pint
J = Jar B = Tedlar G = Glass
M = Metal P = Plastic C = Can

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 2/7/2022 Workorder: N049329
 Rep sample Temp (Deg C): 1.1 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|--|--|--|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input type="checkbox"/> |

Comments: See Correspondence.

Checklist Completed By: YR YRJ 2/8/2022

Reviewed By: MBC 2/12/2022

Subject: Re: Halloran Summit Rd, 21-2640-02 (ASSET Labs No. N049329)
From: Lee Robertson <lrobertson@westmarkgroup.net>
Date: 2/8/2022, 5:42 PM
To: Yoandra Rodriguez <yoandra@assetlaboratories.com>

Hi after looking at the drill log it is 14:40. Thank you for letting me know.

THE WESTMARK GROUP



A Veteran-Owned Company
2017 SBA 8(a) Graduate of the Year - Nevada

Lee Robertson
Field Supervisor / Tech 4

Email: lrobertson@westmarkgroup.net
Phone: 702-839-2960
Mobile: 702-491-4509
Address: 7145 South Buffalo Dr. C-105
Las Vegas NV 89113

On Feb 8, 2022, at 16:35, Yoandra Rodriguez <yoandra@assetlaboratories.com> wrote:

Hi Lee,

Please confirm correct collection time for sample 10 on the attached COC:

- COC: 1440

- Label: 1441

--

Thanks,

Yoandra Rodriguez

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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ASSET Sample Control LV

From: Marlon Cartin <marlon@assetlaboratories.com>
Sent: Thursday, February 10, 2022 2:29 PM
To: 'Sample Control'; 'Yoandra Rodriguez'
Subject: FW: Westmark and Herbst Price Guides

Do not hold the RCRA 8 anymore. They want it reported.

Thanks,

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | **P:** 562.219.7435 | **F:** 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | **P:** 702.307.2659 Ext. 410 | **F:** 702.307.2691 | **M:** 702.439.0421

www.assetlaboratories.com

From: Kelly Paige Arrup <kparrup@westmarkgroup.net>
Sent: Thursday, February 10, 2022 2:15 PM
To: Marlon Cartin <marlon@assetlaboratories.com>
Cc: Paul Giller <pgiller@westmarkgroup.net>
Subject: RE: Westmark and Herbst Price Guides

Please do, thanks! And yes for only one with CAM 17.

Kelly Paige Arrup | Staff Environmental Scientist

THE WESTMARK GROUP

www.westmarkgroup.net

704.918.9695 [mobile]

From: Marlon Cartin <marlon@assetlaboratories.com>
Sent: Thursday, February 10, 2022 11:53 AM
To: Kelly Paige Arrup <kparrup@westmarkgroup.net>
Cc: Paul Giller <pgiller@westmarkgroup.net>
Subject: RE: Westmark and Herbst Price Guides

Hi Paul and Kelly,

By the way, we already analyzed all the samples for RCRA 8. We will have to charge for that. Do you want us to report it anyway?

Thanks,

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | **P:** 562.219.7435 | **F:** 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | **P:** 702.307.2659 Ext. 410 | **F:** 702.307.2691 | **M:** 702.439.0421

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From: Kelly Paige Arrup <kparrup@westmarkgroup.net>
Sent: Wednesday, February 9, 2022 12:04 PM
To: Marlon Cartin <marlon@assetlaboratories.com>

Cc: Paul Giller <pgiller@westmarkgroup.net>
Subject: RE: Westmark and Herbst Price Guides

Thanks so much Marlon!

Regarding the conversation we had about Halloran Summit samples, can we make the following changes to the COC:

- Remove RCRA 8 from all samples
- Add Title 22 CAM 17 metals for sample B4-15
- Add tetraethyl lead to the following samples:
 - B1-45
 - B2-45
 - B3-45
 - B4-45
 - B5-15
 - B6-15
- Add SVOCs Method 8270 to the following samples:
 - B1-25
 - B1-45
 - B2-20
 - B2-45
 - B3-20
 - B3-45
 - B4-20
 - B4-45
 - B5-15
 - B6-15
- Analyze all samples for TPH DRO and Motor Oil (instead of just DRO as we currently have it on the COC)

Please let me know if you need anything further from me for these changes! Thanks so much for all your help!

Kelly Paige Arrup | Staff Environmental Scientist

THE WESTMARK GROUP

www.westmarkgroup.net

704.918.9695 [mobile]

From: Marlon Cartin <marlon@assetlaboratories.com>

Sent: Wednesday, February 9, 2022 11:09 AM

To: Kelly Paige Arrup <kparrup@westmarkgroup.net>

Cc: sonny.lorenzo@assetlaboratories.com

Subject: RE: Westmark and Herbst Price Guides

Hi Kelly,

Please see attached.

Thanks,

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | **P:** 562.219.7435 | **F:** 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | **P:** 702.307.2659 Ext. 410 | **F:** 702.307.2691 | **M:** 702.439.0421

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Mary Ann Balilu

From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Sent: Wednesday, March 2, 2022 7:50 PM
To: maryann.balilu@assetlaboratoriesph.com
Subject: Fwd: N049329 - Preliminary

Sent from my iPhone

Begin forwarded message:

From: Marlon Cartin <marlon@assetlaboratories.com>
Date: March 2, 2022 at 1:18:27 PM PST
To: Paul Giller <pgiller@westmarkgroup.net>
Cc: Fernando Rivera <fernando@assetlaboratories.com>, Yoandra Rodriguez <yoandra@assetlaboratories.com>, Jeremey Westmark <jwestmark@westmarkgroup.net>
Subject: RE: N049329 - Preliminary

Thank you Paul.

Fern – Please finalize the report without the TEL. I'll put it on hold.

Thanks,

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 Ext. 410 | F: 702.307.2691 | M: 702.439.0421

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From: Paul Giller <pgiller@westmarkgroup.net>
Sent: Wednesday, March 2, 2022 12:32 PM
To: Marlon Cartin <marlon@assetlaboratories.com>
Cc: 'Fernando Rivera' <fernando@assetlaboratories.com>; 'Yoandra Rodriguez' <yoandra@assetlaboratories.com>; Jeremey Westmark <jwestmark@westmarkgroup.net>
Subject: RE: N049329 - Preliminary

Hi Marlon,

As the lab instrument is not working and we have passed hold time, we will not be analyzing for TEL.

Paul

From: Paul Giller
Sent: Friday, February 25, 2022 5:56 PM
To: Marlon Cartin <marlon@assetlaboratories.com>
Cc: 'Fernando Rivera' <fernando@assetlaboratories.com>; 'Yoandra Rodriguez' <yoandra@assetlaboratories.com>; Jeremey Westmark <jwestmark@westmarkgroup.net>
Subject: RE: N049329 - Preliminary

Hello Marlon,

Please give me until Monday next week.

Thanks,
Paul

From: Marlon Cartin <marlon@assetlaboratories.com>
Sent: Friday, February 25, 2022 5:58 PM
To: Paul Giller <pgiller@westmarkgroup.net>
Cc: 'Fernando Rivera' <fernando@assetlaboratories.com>; 'Yoandra Rodriguez' <yoandra@assetlaboratories.com>
Subject: RE: N049329 - Preliminary

Hi Paul,

Please advise if you still want to proceed with the TEL so we can finalized the project if you're not leaning on running it.

Thanks,

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 Ext. 410 | F: 702.307.2691 | M: 702.439.0421

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From: Marlon Cartin <marlon@assetlaboratories.com>
Sent: Wednesday, February 23, 2022 2:05 PM
To: 'Paul Giller' <pgiller@westmarkgroup.net>
Cc: 'Fernando Rivera' <fernando@assetlaboratories.com>
Subject: N049329 - Preliminary

Hi Paul,

Please see attached preliminary lab report and Excel EDD for the above project. Please let me know I you still want us to subcontract TEL.

Thanks,

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 Ext. 410 | F: 702.307.2691 | M: 702.439.0421

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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-001A	B1-5	2/2/2022 10:10:00 AM	2/14/2022	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-002A	B1-15	2/2/2022 10:33:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-003A	B1-25	2/2/2022 11:03:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-003A	B1-25	2/2/2022 11:03:00 AM	2/14/2022	Soil		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-004A	B1-30	2/2/2022 11:22:00 AM	2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N049329-005A	B1-35	2/2/2022 11:37:00 AM	2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-005A	B1-35	2/2/2022 11:37:00 AM	2/14/2022	Soil	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-006A	B1-40	2/2/2022 11:50:00 AM	2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N049329-007A	B1-45	2/2/2022 11:54:00 AM	2/14/2022	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-007A	B1-45	2/2/2022 11:54:00 AM	2/14/2022	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-007B			2/14/2022		ORG_PB	ORGANIC LEAD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N049329-008A	B2-5	2/2/2022 2:17:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-009A	B2-10	2/2/2022 2:29:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-009A	B2-10	2/2/2022 2:29:00 PM	2/14/2022	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-010A	B2-15	2/2/2022 2:40:00 PM	2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N049329-011A	B2-20	2/2/2022 2:51:00 PM	2/14/2022	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-011A	B2-20	2/2/2022 2:51:00 PM	2/14/2022	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-012A	B2-25	2/2/2022 3:03:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-013A	B2-30	2/2/2022 3:16:00 PM	2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-013A	B2-30	2/2/2022 3:16:00 PM	2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-013A	B2-30	2/2/2022 3:16:00 PM	2/14/2022	Soil	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-014A	B2-40	2/2/2022 3:57:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-015A	B2-45	2/2/2022 4:22:00 PM	2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-015A	B2-45	2/2/2022 4:22:00 PM	2/14/2022	Soil	EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-015B			2/14/2022		ORG_PB	ORGANIC LEAD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N049329-016A	B3-5	2/3/2022 9:25:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-017A	B3-10	2/3/2022 9:30:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-017A	B3-10	2/3/2022 9:30:00 AM	2/14/2022	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-018A	B3-15	2/3/2022 9:44:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-019A	B3-20	2/3/2022 9:56:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-019A	B3-20	2/3/2022 9:56:00 AM	2/14/2022	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-020A	B3-25	2/3/2022 10:10:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-021A	B3-30	2/3/2022 10:27:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-022A	B3-35	2/3/2022 10:45:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-022A	B3-35	2/3/2022 10:45:00 AM	2/14/2022	Soil		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-023A	B3-40	2/3/2022 11:10:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-024A	B3-45	2/3/2022 11:30:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

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WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-024A	B3-45	2/3/2022 11:30:00 AM	2/14/2022	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-024B			2/14/2022		ORG_PB	ORGANIC LEAD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N049329-025A	B4-5	2/3/2022 12:31:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS			
N049329-026A	B4-10	2/3/2022 1:25:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-026A	B4-10	2/3/2022 1:25:00 PM	2/14/2022	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-027A	B4-15	2/3/2022 1:40:00 PM	2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N049329-028A	B4-20	2/3/2022 1:56:00 PM	2/14/2022	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-028A	B4-20	2/3/2022 1:56:00 PM	2/14/2022	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-029A	B4-25	2/3/2022 2:10:00 PM	2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N049329-030A	B4-30	2/3/2022 3:33:00 PM	2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-030A	B4-30	2/3/2022 3:33:00 PM	2/14/2022	Soil	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-031A	B4-35	2/3/2022 3:56:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-032A	B4-40	2/3/2022 4:12:00 PM	2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS				
2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS				
2/14/2022	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS				
2/14/2022	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS				
2/14/2022	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS				

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-033A	B4-45	2/3/2022 4:50:00 PM	2/14/2022	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
		2/14/2022	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS		
N049329-033B			2/14/2022	ORG_PB	ORGANIC LEAD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB	
N049329-034A	B5-5	2/4/2022 9:28:00 AM	2/14/2022	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022		MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			2/14/2022	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
		2/14/2022	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS		
		2/14/2022	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS		

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-035A	B5-10	2/4/2022 9:39:00 AM	2/14/2022	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-036A	B5-15	2/4/2022 9:52:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-036B			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					ORG_PB	ORGANIC LEAD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-037A	B5-20	2/4/2022 10:13:00 AM	2/14/2022	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-038A	B5-30	2/4/2022 10:39:00 AM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-039A	B5-40	2/4/2022 12:13:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-039A	B5-40	2/4/2022 12:13:00 PM	2/14/2022	Soil	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-040A	B6-5	2/4/2022 2:49:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-041A	B6-10	2/4/2022 2:51:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-041A	B6-10	2/4/2022 2:51:00 PM	2/14/2022	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-042A	B6-15	2/4/2022 3:03:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-042B			2/14/2022		ORG_PB	ORGANIC LEAD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N049329-043A	B6-20	2/4/2022 3:20:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-043A	B6-20	2/4/2022 3:20:00 PM	2/14/2022	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-044A	B6-25	2/4/2022 3:27:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-045A	B6-30	2/4/2022 3:40:00 PM	2/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			2/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

12-Feb-22

WorkOrder: N049329

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 2/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049329-045A	B6-30	2/4/2022 3:40:00 PM	2/14/2022	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049329-046A	FOLDER	2/14/2022	2/14/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			2/14/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



ASSET Laboratories

3151-3153 W Post Rd., Las Vegas, NV 89118
www.atl-labs.com
TEL: 7023072659 FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

QC Level: RTNE

Subcontractor: Eurofins Calscience
2841 Dow Ave, Suite 100
Tustin, CA 92780

TEL: 949-261-1022
FAX:
Acct #:

Field Sampler: L. Robertson

16-Feb-22

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				ORG_PB		
N049329-007B / B1-45	Soil	2/2/2022 11:54:00 AM	4OZG	1		
N049329-015B / B2-45	Soil	2/2/2022 4:22:00 PM	4OZG	1		
N049329-024B / B3-45	Soil	2/3/2022 11:30:00 AM	4OZG	1		
N049329-033B / B4-45	Soil	2/3/2022 4:50:00 PM	4OZG	1		
N049329-036B / B5-15	Soil	2/4/2022 9:52:00 AM	4OZG	1		
N049329-042B / B6-15	Soil	2/4/2022 3:03:00 PM	4OZG	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N49329A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Tetraethyl Lead.

GSO #: 556094942

	Date/Time		Date/Time
Relinquished by: <u>YRJ</u>	<u>2/16/2022 1630.</u>	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

March 14, 2022

Jeremy Westmark
The Westmark Group
7145 S Buffalo Drive
Suite C105
Las Vegas, NV 89113
TEL: (702) 525-7038
FAX: (702) 839-2962

Workorder No.: N049744

RE: Halloran Summit Rd, 21-2640-02

Enclosed are the results for sample(s) received on March 08, 2022 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

CLIENT: The Westmark Group
Project: Halloran Summit Rd, 21-2640-02
Lab Order: N049744

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed past holding time.

This is an addendum for workorder N049329.



ASSET Laboratories

Date: 14-Mar-22

CLIENT: The Westmark Group
Project: Halloran Summit Rd, 21-2640-02
Lab Order: N049744
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N049744-001A	B1-5	Soil	2/2/2022 10:10:00 AM	3/8/2022	3/14/2022
N049744-002A	B1-15	Soil	2/2/2022 10:33:00 AM	3/8/2022	3/14/2022
N049744-003A	B1-25	Soil	2/2/2022 11:03:00 AM	3/8/2022	3/14/2022
N049744-004A	B1-30	Soil	2/2/2022 11:22:00 AM	3/8/2022	3/14/2022
N049744-005A	B1-35	Soil	2/2/2022 11:37:00 AM	3/8/2022	3/14/2022
N049744-006A	B1-40	Soil	2/2/2022 11:50:00 AM	3/8/2022	3/14/2022
N049744-007A	B1-45	Soil	2/2/2022 11:54:00 AM	3/8/2022	3/14/2022
N049744-008A	B2-5	Soil	2/2/2022 2:17:00 PM	3/8/2022	3/14/2022
N049744-009A	B2-10	Soil	2/2/2022 2:29:00 PM	3/8/2022	3/14/2022
N049744-010A	B2-15	Soil	2/2/2022 2:40:00 PM	3/8/2022	3/14/2022
N049744-011A	B2-20	Soil	2/2/2022 2:51:00 PM	3/8/2022	3/14/2022
N049744-012A	B2-25	Soil	2/2/2022 3:03:00 PM	3/8/2022	3/14/2022
N049744-013A	B2-30	Soil	2/2/2022 3:16:00 PM	3/8/2022	3/14/2022
N049744-014A	B2-40	Soil	2/2/2022 3:57:00 PM	3/8/2022	3/14/2022
N049744-015A	B2-45	Soil	2/2/2022 4:22:00 PM	3/8/2022	3/14/2022
N049744-016A	B3-5	Soil	2/3/2022 9:25:00 AM	3/8/2022	3/14/2022
N049744-017A	B3-10	Soil	2/3/2022 9:30:00 AM	3/8/2022	3/14/2022
N049744-018A	B3-15	Soil	2/3/2022 9:44:00 AM	3/8/2022	3/14/2022
N049744-019A	B3-20	Soil	2/3/2022 9:56:00 AM	3/8/2022	3/14/2022
N049744-020A	B3-25	Soil	2/3/2022 10:10:00 AM	3/8/2022	3/14/2022
N049744-021A	B3-30	Soil	2/3/2022 10:27:00 AM	3/8/2022	3/14/2022
N049744-022A	B3-35	Soil	2/3/2022 10:45:00 AM	3/8/2022	3/14/2022
N049744-023A	B3-40	Soil	2/3/2022 11:10:00 AM	3/8/2022	3/14/2022
N049744-024A	B3-45	Soil	2/3/2022 11:30:00 AM	3/8/2022	3/14/2022
N049744-025A	B4-5	Soil	2/3/2022 12:31:00 PM	3/8/2022	3/14/2022
N049744-026A	B4-10	Soil	2/3/2022 1:25:00 PM	3/8/2022	3/14/2022
N049744-027A	B4-15	Soil	2/3/2022 1:40:00 PM	3/8/2022	3/14/2022
N049744-028A	B4-20	Soil	2/3/2022 1:56:00 PM	3/8/2022	3/14/2022
N049744-029A	B4-25	Soil	2/3/2022 2:10:00 PM	3/8/2022	3/14/2022



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CLIENT: The Westmark Group
Project: Halloran Summit Rd, 21-2640-02
Lab Order: N049744
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N049744-030A	B4-30	Soil	2/3/2022 3:33:00 PM	3/8/2022	3/14/2022
N049744-031A	B4-35	Soil	2/3/2022 3:56:00 PM	3/8/2022	3/14/2022
N049744-032A	B4-40	Soil	2/3/2022 4:12:00 PM	3/8/2022	3/14/2022
N049744-033A	B4-45	Soil	2/3/2022 4:50:00 PM	3/8/2022	3/14/2022
N049744-034A	B5-5	Soil	2/4/2022 9:28:00 AM	3/8/2022	3/14/2022
N049744-035A	B5-10	Soil	2/4/2022 9:39:00 AM	3/8/2022	3/14/2022
N049744-036A	B5-15	Soil	2/4/2022 9:52:00 AM	3/8/2022	3/14/2022
N049744-037A	B5-20	Soil	2/4/2022 10:13:00 AM	3/8/2022	3/14/2022
N049744-038A	B5-30	Soil	2/4/2022 10:39:00 AM	3/8/2022	3/14/2022
N049744-039A	B5-40	Soil	2/4/2022 12:13:00 PM	3/8/2022	3/14/2022
N049744-040A	B6-5	Soil	2/4/2022 2:49:00 PM	3/8/2022	3/14/2022
N049744-041A	B6-10	Soil	2/4/2022 2:51:00 PM	3/8/2022	3/14/2022
N049744-042A	B6-15	Soil	2/4/2022 3:03:00 PM	3/8/2022	3/14/2022
N049744-043A	B6-20	Soil	2/4/2022 3:20:00 PM	3/8/2022	3/14/2022
N049744-044A	B6-25	Soil	2/4/2022 3:27:00 PM	3/8/2022	3/14/2022
N049744-045A	B6-30	Soil	2/4/2022 3:40:00 PM	3/8/2022	3/14/2022



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-001

Client Sample ID: B1-5
Collection Date: 2/2/2022 10:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 12:46 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-002

Client Sample ID: B1-15
Collection Date: 2/2/2022 10:33:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 01:46 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-003

Client Sample ID: B1-25
Collection Date: 2/2/2022 11:03:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A			EPA 7199		
RunID: NV00922-IC6_220310A	QC Batch: 91812			PrepDate: 3/9/2022		Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 04:04 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B1-30

Lab Order: N049744

Collection Date: 2/2/2022 11:22:00 AM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-004

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A			EPA 7199		
RunID: NV00922-IC6_220310A	QC Batch: 91812			PrepDate: 3/9/2022		Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 04:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B1-35

Lab Order: N049744

Collection Date: 2/2/2022 11:37:00 AM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-005

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A			EPA 7199		
RunID: NV00922-IC6_220310A	QC Batch: 91812			PrepDate:	3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 04:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B1-40
Lab Order:	N049744	Collection Date:	2/2/2022 11:50:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049744-006		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 05:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B1-45
Lab Order:	N049744	Collection Date:	2/2/2022 11:54:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049744-007		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 05:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-008

Client Sample ID: B2-5
Collection Date: 2/2/2022 2:17:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 06:03 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-009

Client Sample ID: B2-10
Collection Date: 2/2/2022 2:29:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 06:23 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-010

Client Sample ID: B2-15
Collection Date: 2/2/2022 2:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 06:43 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B2-20

Lab Order: N049744

Collection Date: 2/2/2022 2:51:00 PM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-011

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 07:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-012

Client Sample ID: B2-25
Collection Date: 2/2/2022 3:03:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 07:23 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-013

Client Sample ID: B2-30
Collection Date: 2/2/2022 3:16:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A			EPA 7199		
RunID: NV00922-IC6_220310A	QC Batch: 91812			PrepDate: 3/9/2022		Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 08:03 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-014

Client Sample ID: B2-40
Collection Date: 2/2/2022 3:57:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 08:23 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B2-45

Lab Order: N049744

Collection Date: 2/2/2022 4:22:00 PM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-015

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 08:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-016

Client Sample ID: B3-5
Collection Date: 2/3/2022 9:25:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 09:03 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-017

Client Sample ID: B3-10
Collection Date: 2/3/2022 9:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 09:23 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-018

Client Sample ID: B3-15
Collection Date: 2/3/2022 9:44:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A			EPA 7199		
RunID: NV00922-IC6_220310A	QC Batch: 91812			PrepDate: 3/9/2022		Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 10:03 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-019

Client Sample ID: B3-20
Collection Date: 2/3/2022 9:56:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 10:23 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B3-25

Lab Order: N049744

Collection Date: 2/3/2022 10:10:00 AM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-020

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220310A	QC Batch: 91812				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/10/2022 10:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B3-30

Lab Order: N049744

Collection Date: 2/3/2022 10:27:00 AM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-021

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 12:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-022

Client Sample ID: B3-35
Collection Date: 2/3/2022 10:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 01:50 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B3-40

Lab Order: N049744

Collection Date: 2/3/2022 11:10:00 AM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-023

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 02:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B3-45
Lab Order:	N049744	Collection Date:	2/3/2022 11:30:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049744-024		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 02:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B4-5

Lab Order: N049744

Collection Date: 2/3/2022 12:31:00 PM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-025

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A			EPA 7199		
RunID: NV00922-IC6_220311A	QC Batch: 91813			PrepDate: 3/9/2022		Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 11:41 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-026

Client Sample ID: B4-10
Collection Date: 2/3/2022 1:25:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 02:51 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-027

Client Sample ID: B4-15
Collection Date: 2/3/2022 1:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 03:11 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-028

Client Sample ID: B4-20
Collection Date: 2/3/2022 1:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 03:51 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-029

Client Sample ID: B4-25
Collection Date: 2/3/2022 2:10:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 04:11 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B4-30

Lab Order: N049744

Collection Date: 2/3/2022 3:33:00 PM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-030

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 04:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B4-35

Lab Order: N049744

Collection Date: 2/3/2022 3:56:00 PM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-031

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 04:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-032

Client Sample ID: B4-40
Collection Date: 2/3/2022 4:12:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 05:10 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-033

Client Sample ID: B4-45
Collection Date: 2/3/2022 4:50:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 05:50 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-034

Client Sample ID: B5-5
Collection Date: 2/4/2022 9:28:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 06:10 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-035

Client Sample ID: B5-10
Collection Date: 2/4/2022 9:39:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 06:30 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B5-15

Lab Order: N049744

Collection Date: 2/4/2022 9:52:00 AM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-036

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A			EPA 7199		
RunID: NV00922-IC6_220311A	QC Batch: 91813			PrepDate: 3/9/2022		Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 06:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-037

Client Sample ID: B5-20
Collection Date: 2/4/2022 10:13:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 07:10 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT:	The Westmark Group	Client Sample ID:	B5-30
Lab Order:	N049744	Collection Date:	2/4/2022 10:39:00 AM
Project:	Halloran Summit Rd, 21-2640-02	Matrix:	SOIL
Lab ID:	N049744-038		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 07:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group

Client Sample ID: B5-40

Lab Order: N049744

Collection Date: 2/4/2022 12:13:00 PM

Project: Halloran Summit Rd, 21-2640-02

Matrix: SOIL

Lab ID: N049744-039

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 08:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-040

Client Sample ID: B6-5
Collection Date: 2/4/2022 2:49:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220311A	QC Batch: 91813				PrepDate: 3/9/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/11/2022 08:30 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-041

Client Sample ID: B6-10
Collection Date: 2/4/2022 2:51:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220312A	QC Batch: 91834				PrepDate: 3/10/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/12/2022 01:18 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-042

Client Sample ID: B6-15
Collection Date: 2/4/2022 3:03:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220312A	QC Batch: 91834				PrepDate: 3/10/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/12/2022 03:17 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-043

Client Sample ID: B6-20
Collection Date: 2/4/2022 3:20:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220312A	QC Batch: 91834				PrepDate: 3/10/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/12/2022 03:37 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-044

Client Sample ID: B6-25
Collection Date: 2/4/2022 3:27:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: NV00922-IC6_220312A	QC Batch: 91834				PrepDate: 3/10/2022	Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/12/2022 03:57 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 14-Mar-22

CLIENT: The Westmark Group
Lab Order: N049744
Project: Halloran Summit Rd, 21-2640-02
Lab ID: N049744-045

Client Sample ID: B6-30
Collection Date: 2/4/2022 3:40:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A			EPA 7199		
RunID: NV00922-IC6_220312A	QC Batch: 91834			PrepDate: 3/10/2022		Analyst: RAB
Hexavalent Chromium	ND	0.20	H	mg/Kg	1	3/12/2022 04:17 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: MB-91812	SampType: MBLK	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773
Client ID: PBS	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560423
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-91812	SampType: LCS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773
Client ID: LCSS	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560424
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.962	0.20	4.000	0	99.0 80 120

Sample ID: N049744-001A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560426
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			0 0 20 H

Sample ID: N049744-001A-DUP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560427
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			0 0 20 H

Sample ID: N049744-001A-MS	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560428
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.960	0.20	3.998	0	99.1 75 125 H

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-001A-MSD	SampType: MSD	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560429						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.993	0.20	3.986	0	100	75	125	3.960	0.825	20	H

Sample ID: N049744-001A-MS IN	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560430						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	635.398	10	669.0	0	95.0	75	125				H

Sample ID: N049744-003A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560435						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0.07059	0	20	H

Sample ID: N049744-004A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560437						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-005A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560439						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.105	0.20						0.09588	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-006A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560441						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-007A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560443						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-008A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560447						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-009A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560449						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-010A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560451						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-011A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560453						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-012A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560455						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-013A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560459						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-014A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560461						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.068	0.20						0.07289	0	20	H

Sample ID: N049744-015A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560463						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.075	0.20						0.07933	0	20	H

Qualifiers:

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| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-016A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560465						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.040	0.20						0.03658	0	20	H

Sample ID: N049744-017A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560467						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-018A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560471						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-019A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560473						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-020A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560475						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-002A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160773						
Client ID: ZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560476						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-001A-PS	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date:	RunNo: 160773						
Client ID: ZZZZZ	Batch ID: 91812	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/10/2022	SeqNo: 4560477						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.008	0.20	3.995	0	100	75	125				

Qualifiers:

- | | | |
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| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: MB-91813	SampType: MBLK	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: PBS	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561430						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: LCS-91813	SampType: LCS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: LCSS	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561431						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.964	0.20	4.000	0	99.1	80	120				
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Sample ID: N049744-025A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561433						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	H
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Sample ID: N049744-025A-DUP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561434						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	H
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Sample ID: N049744-025A-MS	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561435						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.837	0.20	3.989	0	96.2	75	125				H
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Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-025A-MSD	SampType: MSD	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561436						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.820	0.20	3.971	0	96.2	75	125	3.837	0.434	20	H

Sample ID: N049744-025A-MS IN	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561437						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	657.356	9.9	657.9	0	99.9	75	125				H

Sample ID: N049744-021A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561439						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.051	0.20						0.05614	0	20	H

Sample ID: N049744-022A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561443						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-023A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561445						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.119	0.20						0.1347	0	20	H

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-024A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561447						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-026A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561449						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-027A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561451						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-028A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561455						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-029A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561457						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-030A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561459						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.100	0.20						0.1076	0	20	H

Sample ID: N049744-031A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561461						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-032A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561463						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.136	0.20						0.1340	0	20	H

Sample ID: N049744-033A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561467						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-034A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561469						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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 EPA ID CA01638

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 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-035A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561471						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-036A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561473						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.069	0.20						0.07271	0	20	H

Sample ID: N049744-037A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561475						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-038A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561479						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.115	0.20						0.1194	0	20	H

Sample ID: N049744-039A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561481						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.181	0.20						0.1774	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-040A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/9/2022	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561483						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	H

Sample ID: N049744-025A-PS	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date:	RunNo: 160781						
Client ID: ZZZZZZ	Batch ID: 91813	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/11/2022	SeqNo: 4561484						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.014	0.20	3.997	0	100	75	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: MB-91834	SampType: MBLK	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: PBS	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562340						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: LCS-91834	SampType: LCS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: LCSS	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562341						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	4.076	0.20	4.000	0	102	80	120				
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Sample ID: N049744-041A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562343						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	H
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Sample ID: N049744-041A-DUP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562344						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	H
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Sample ID: N049744-041A-MS	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562345						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.966	0.20	3.989	0	99.4	75	125				H
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P: 562.219.7435 | F: 562.219.7436
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 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-041A-MSD	SampType: MSD	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562346						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.935	0.20	3.998	0	98.4	75	125	3.966	0.779	20	H

Sample ID: N049744-041A-MS IN	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562347						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	636.858	10	653.6	0	97.4	75	125				H

Sample ID: N049744-042A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562351						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.042	0.20						0.04186	0	20	H

Sample ID: N049744-043A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562353						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.048	0.20						0.04509	0	20	H

Sample ID: N049744-044A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562355						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.036	0.20						0.03471	0	20	H

Qualifiers:

- B** Analyte detected in the associated Method Blank
- ND** Not Detected at the Reporting Limit
- DO** Surrogate Diluted Out
- E** Value above quantitation range
- R** RPD outside accepted recovery limits
- Calculations are based on raw values
- H** Holding times for preparation or analysis exceeded
- S** Spike/Surrogate outside of limits due to matrix interference

CLIENT: The Westmark Group
Work Order: N049744
Project: Halloran Summit Rd, 21-2640-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_S

Sample ID: N049744-045A-REP	SampType: DUP	TestCode: 7199_S	Units: mg/Kg	Prep Date: 3/10/2022	RunNo: 160803						
Client ID: ZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562357						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.047	0.20						0.04767	0	20	H
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Sample ID: N049744-041A-PS	SampType: MS	TestCode: 7199_S	Units: mg/Kg	Prep Date:	RunNo: 160803						
Client ID: ZZZZZ	Batch ID: 91834	TestNo: EPA 7199	EPA 3060A	Analysis Date: 3/12/2022	SeqNo: 4562360						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	4.073	0.20	3.997	0	102	75	125				
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

ASSET Sample Control LV

From: Marlon Cartin <marlon@assetlaboratories.com>
Sent: Tuesday, March 8, 2022 3:04 PM
To: 'Yoandra Rodriguez'; 'Sample Control'; giselle@assetlaboratories.com
Subject: FW: Halloran samples

Forwarding. Please process ASAP.

Thanks,

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 Ext. 410 | F: 702.307.2691 | M: 702.439.0421

www.assetlaboratories.com

From: Paul Giller <pgiller@westmarkgroup.net>
Sent: Tuesday, March 8, 2022 2:54 PM
To: Marlon Cartin <marlon@assetlaboratories.com>
Cc: Jeremey Westmark <jwestmark@westmarkgroup.net>
Subject: RE: Halloran samples

Hi Marlon,

Please change the TAT to soon as possible.

Thanks,

Paul

Sent from my Sprint Samsung Galaxy S9+.

----- Original message -----

From: Marlon Cartin <marlon@assetlaboratories.com>
Date: 3/8/22 4:21 PM (GMT-05:00)
To: Paul Giller <pgiller@westmarkgroup.net>
Cc: Jeremey Westmark <jwestmark@westmarkgroup.net>
Subject: RE: Halloran samples

Thanks.

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 Ext. 410 | F: 702.307.2691 | M: 702.439.0421

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From: Paul Giller <pgiller@westmarkgroup.net>
Sent: Tuesday, March 8, 2022 1:21 PM
To: Marlon Cartin <marlon@assetlaboratories.com>
Cc: Jeremy Westmark <jwestmark@westmarkgroup.net>
Subject: RE: Halloran samples

Hi Marlon,

Standard TAT is fine.

Thanks,
Paul

From: Marlon Cartin <marlon@assetlaboratories.com>
Sent: Tuesday, March 8, 2022 4:25 PM
To: Paul Giller <pgiller@westmarkgroup.net>
Cc: Jeremy Westmark <jwestmark@westmarkgroup.net>
Subject: RE: Halloran samples

By the way Paul, what TAT do you need?

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 Ext. 410 | F: 702.307.2691 | M: 702.439.0421

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From: Paul Giller <pgiller@westmarkgroup.net>
Sent: Tuesday, March 8, 2022 12:51 PM
To: Marlon Cartin <marlon@assetlaboratories.com>
Cc: Jeremy Westmark <jwestmark@westmarkgroup.net>
Subject: RE: Halloran samples

Hello Marlon,

Please run these samples for Cr+6.

Thanks
Paul

From: Marlon Cartin <marlon@assetlaboratories.com>
Sent: Tuesday, March 8, 2022 3:34 PM
To: Paul Giller <pgiller@westmarkgroup.net>
Subject: RE: Halloran samples

Hi Paul,

The holding time for Cr+6 is 30 Days. Your samples we're collected on the 2nd of February so were past holding time already. We can still run it but results will be flagged.

Thanks,

Marlon Cartin

Sr. Project Manager

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 Ext. 410 | F: 702.307.2691 | M: 702.439.0421

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From: Paul Giller <pgiller@westmarkgroup.net>

Sent: Tuesday, March 8, 2022 11:48 AM

To: Marlon Cartin <marlon@assetlaboratories.com>

Subject: Halloran samples

Hi Marlon,

Do you still have the soil sample from Halloran? Can we run them for Cr VI



A Veteran-Owned Company

Paul Giller

7145 South Buffalo Drive | Suite C105 | Las Vegas, NV 89113

T 702-839-2960 | C 540-514-6153

pgiller@westmarkgroup.net | W www.westmarkgroup.net

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Please consider the environment prior to printing this e-mail.

ASSET Laboratories

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Change Order Checklist

Client Name: **WESGR04**

Date / Time Created: **3/8/2022 6:42:14 PM**

Work Order Number: **N049744**

Created by: **YR**

Checklist completed by: YRT 3/9/2022 Reviewed by: ABC 3/9/2022
Signature | Date | Initials | Date

- 1. All samples within holding time? Yes No
- 2. Refrigerator temperature in compliance? Yes No
- 3. Change Order documents present? Yes No

Comments:

ASSET Laboratories

WORK ORDER Summary

09-Mar-22

WorkOrder: N049744

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 3/8/2022

Comments: Addendum for WO N049329

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049744-001A	B1-5	2/2/2022 10:10:00 AM	3/9/2022	Soil	EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-002A	B1-15	2/2/2022 10:33:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-003A	B1-25	2/2/2022 11:03:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-004A	B1-30	2/2/2022 11:22:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-005A	B1-35	2/2/2022 11:37:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-006A	B1-40	2/2/2022 11:50:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-007A	B1-45	2/2/2022 11:54:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-008A	B2-5	2/2/2022 2:17:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-009A	B2-10	2/2/2022 2:29:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-010A	B2-15	2/2/2022 2:40:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-011A	B2-20	2/2/2022 2:51:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

09-Mar-22

WorkOrder: N049744

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 3/8/2022

Comments: Addendum for WO N049329

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049744-012A	B2-25	2/2/2022 3:03:00 PM	3/9/2022	Soil	EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-013A	B2-30	2/2/2022 3:16:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-014A	B2-40	2/2/2022 3:57:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-015A	B2-45	2/2/2022 4:22:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-016A	B3-5	2/3/2022 9:25:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-017A	B3-10	2/3/2022 9:30:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-018A	B3-15	2/3/2022 9:44:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-019A	B3-20	2/3/2022 9:56:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-020A	B3-25	2/3/2022 10:10:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-021A	B3-30	2/3/2022 10:27:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-022A	B3-35	2/3/2022 10:45:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

09-Mar-22

WorkOrder: N049744

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 3/8/2022

Comments: Addendum for WO N049329

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049744-023A	B3-40	2/3/2022 11:10:00 AM	3/9/2022	Soil	EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-024A	B3-45	2/3/2022 11:30:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-025A	B4-5	2/3/2022 12:31:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-026A	B4-10	2/3/2022 1:25:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-027A	B4-15	2/3/2022 1:40:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-028A	B4-20	2/3/2022 1:56:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-029A	B4-25	2/3/2022 2:10:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-030A	B4-30	2/3/2022 3:33:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-031A	B4-35	2/3/2022 3:56:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-032A	B4-40	2/3/2022 4:12:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-033A	B4-45	2/3/2022 4:50:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

09-Mar-22

WorkOrder: N049744

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 3/8/2022

Comments: Addendum for WO N049329

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049744-034A	B5-5	2/4/2022 9:28:00 AM	3/9/2022	Soil	EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-035A	B5-10	2/4/2022 9:39:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-036A	B5-15	2/4/2022 9:52:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-037A	B5-20	2/4/2022 10:13:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-038A	B5-30	2/4/2022 10:39:00 AM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-039A	B5-40	2/4/2022 12:13:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-040A	B6-5	2/4/2022 2:49:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-041A	B6-10	2/4/2022 2:51:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-042A	B6-15	2/4/2022 3:03:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-043A	B6-20	2/4/2022 3:20:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-044A	B6-25	2/4/2022 3:27:00 PM	3/9/2022		EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

09-Mar-22

WorkOrder: N049744

Client ID: WESGR04

Project: Halloran Summit Rd, 21-2640-02

QC Level: RTNE

Date Received: 3/8/2022

Comments: Addendum for WO N049329

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049744-045A	B6-30	2/4/2022 3:40:00 PM	3/9/2022	Soil	EPA 3060A	Prep for Hexavalend Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			3/9/2022		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N049744-046A	FOLDER	3/9/2022	3/9/2022	Folder	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

APPENDIX C

**CAL-DTSC HUMAN AND ECOLOGICAL
RISK OFFICE NOTE 3 SCREENING
LEVELS AND EPA REGION IX
SCREENING LEVELS**

Table 1: HHRA Note 3, June 2020, DTSC-recommended Screening Levels for Soil Analytes

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Noncancer Endpoint
1,1,1,2-Tetrachloroethane	630-20-6	2	USEPA RSL	550	DTSC-SL	8.8	USEPA RSL	2700	DTSC-SL
1,1,1-Trichloroethane	71-55-6	--	--	1700	DTSC-SL	--	--	7200	DTSC-SL
1,1,2,2-Tetrachloroethane	79-34-5	0.6	USEPA RSL	700	DTSC-SL	2.7	USEPA RSL	4300	DTSC-SL
1,1,2-Trichloropropane	598-77-6	--	--	170	DTSC-SL	--	--	1100	DTSC-SL
1,1-Dichloroethane	75-34-3	3.6	USEPA RSL	1600	DTSC-SL	16	USEPA RSL	7100	DTSC-SL
1,1-Dichloroethene	75-35-4	--	--	83	DTSC-SL	--	--	350	DTSC-SL
1,2,3-Trichlorobenzene	87-61-6	--	--	40	DTSC-SL	--	--	300	DTSC-SL
1,2,3-Trichloropropane	96-18-4	0.0015	DTSC-SL	4.8	USEPA RSL	0.021	DTSC-SL	21	USEPA RSL
1,2,4,5-Tetrachlorobenzene	95-94-3	--	--	17	DTSC-SL	--	--	150	DTSC-SL
1,2,4-Tribromobenzene	615-54-3	--	--	280	DTSC-SL	--	--	2500	DTSC-SL
1,2,4-Trichlorobenzene	120-82-1	7.8	DTSC-SL	58	USEPA RSL	35	DTSC-SL	260	USEPA RSL
1,2-Dibromo-3-chloropropane	96-12-8	0.0043	DTSC-SL	4.7	USEPA RSL	0.057	DTSC-SL	25	USEPA RSL
1,2-Dinitrobenzene	528-29-0	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
1,2-Diphenylhydrazine	122-66-7	0.68	USEPA RSL	--	--	1.9	DTSC-SL	--	--
1,2-Phenylenediamine	95-54-5	4.5	USEPA RSL	250	USEPA RSL	12	DTSC-SL	2100	DTSC-SL
1,3,5-Trinitrobenzene	99-35-4	--	--	2200	USEPA RSL	--	--	29000	DTSC-SL
1,3-Butadiene	106-99-0	0.014	DTSC-SL	1.8	USEPA RSL	0.062	DTSC-SL	7.6	USEPA RSL
1,3-Dibromobenzene	108-36-1	--	--	16	DTSC-SL	--	--	100	DTSC-SL
1,3-Dichloropropane	142-28-9	--	--	410	DTSC-SL	--	--	2200	DTSC-SL
1,3-Dinitrobenzene	99-65-0	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
1,3-Phenylenediamine	108-45-2	--	--	380	USEPA RSL	--	--	3200	DTSC-SL
1,4-Benzenediamine-2-methyl sulfate	6369-59-1	5.4	USEPA RSL	19	USEPA RSL	15	DTSC-SL	160	DTSC-SL
1,4-Dibromobenzene	106-37-6	--	--	420	DTSC-SL	--	--	2900	DTSC-SL
1,4-Dinitrobenzene	100-25-4	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
1,4-Dithiane	505-29-3	--	--	550	DTSC-SL	--	--	4700	DTSC-SL
1,4-Phenylenediamine	106-50-3	--	--	63	USEPA RSL	--	--	530	DTSC-SL
1-Bromo-3-fluorobenzene	1073-06-9	--	--	8.8	DTSC-SL	--	--	50	DTSC-SL
1-Bromo-4-fluorobenzene	460-00-4	--	--	8.9	DTSC-SL	--	--	51	DTSC-SL
1-Chlorobutane	109-69-3	--	--	270	DTSC-SL	--	--	1200	DTSC-SL
1-Methylnaphthalene	90-12-0	9.9	DTSC-SL	3400	DTSC-SL	30	DTSC-SL	22000	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Noncancer Endpoint
2-(2-methoxyethoxy)-Ethanol	111-77-3	--	--	2500	USEPA RSL	--	--	21000	DTSC-SL
2,2',3,3',4,4',5,5',6,6'-Decabromodiphenyl ether	1163-19-5	780	USEPA RSL	440	USEPA RSL	2100	DTSC-SL	3700	DTSC-SL
2,2',4,4',5,5'-Hexabromodiphenyl ether	68631-49-2	--	--	13	USEPA RSL	--	--	110	DTSC-SL
2,2',4,4',5-Pentabromodiphenyl ether	60348-60-9	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
2,2',4,4'-Tetrabromodiphenyl ether	5436-43-1	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000048	USEPA RSL	0.000051	USEPA RSL	0.000018	DTSC-SL	0.0006	DTSC-SL
2,3-Dichloropropanol	616-23-9	--	--	190	USEPA RSL	--	--	1600	DTSC-SL
2,4,4-Trimethylpentene	25167-70-8	--	--	40	DTSC-SL	--	--	170	DTSC-SL
2,4,5-Trichlorophenol	95-95-4	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
2,4,5-Trichlorophenoxyacetic acid	93-76-5	--	--	630	USEPA RSL	--	--	5300	DTSC-SL
2,4,6-Tribromophenol	118-79-6	--	--	570	USEPA RSL	--	--	4800	DTSC-SL
2,4,6-Trichloroaniline	634-93-5	78	USEPA RSL	1.9	USEPA RSL	210	DTSC-SL	16	DTSC-SL
2,4,6-Trichloroaniline hydrochloride	33663-50-2	19	USEPA RSL	--	--	51	DTSC-SL	--	--
2,4,6-Trichlorophenol	88-06-2	7.8	DTSC-SL	63	USEPA RSL	21	DTSC-SL	530	DTSC-SL
2,4,6-Trinitrotoluene	118-96-7	21	USEPA RSL	36	USEPA RSL	79	DTSC-SL	420	DTSC-SL
2,4/2,6-Dinitrotoluenes	E1615210	0.8	USEPA RSL	57	DTSC-SL	2.2	DTSC-SL	480	DTSC-SL
2,4-Dichlorophenol	120-83-2	--	--	190	USEPA RSL	--	--	1600	DTSC-SL
2,4-Dichlorophenoxyacetic acid	94-75-7	--	--	700	USEPA RSL	--	--	7300	DTSC-SL
2,4-Dichlorophenoxybutyric acid	94-82-6	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
2,4-Dimethylaniline	95-68-1	2.7	USEPA RSL	130	USEPA RSL	7.4	DTSC-SL	1100	DTSC-SL
2,4-Dimethylaniline hydrochloride	21436-96-4	0.94	USEPA RSL	--	--	2.6	DTSC-SL	--	--
2,4-Dimethylphenol	105-67-9	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
2,4-Dinitrophenol	51-28-5	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
2,4-Dinitrotoluene	121-14-2	1.7	USEPA RSL	130	USEPA RSL	4.7	DTSC-SL	1000	DTSC-SL
2,6-Dimethylphenol	576-26-1	--	--	38	USEPA RSL	--	--	320	DTSC-SL
2,6-Dinitrotoluene	606-20-2	0.36	USEPA RSL	19	USEPA RSL	0.99	DTSC-SL	160	DTSC-SL
2-Acetylaminofluorene	53-96-3	0.14	USEPA RSL	--	--	0.39	DTSC-SL	--	--
2-Amino-4,6-dinitrotoluene	35572-78-2	--	--	150	USEPA RSL	--	--	2200	DTSC-SL
2-Butoxyethanol	111-76-2	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
2-Chloroethanol	107-07-3	--	--	1300	DTSC-SL	--	--	13000	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Noncancer Endpoint
2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester Sulfite	140-57-8	22	USEPA RSL	3200	USEPA RSL	59	DTSC-SL	26000	DTSC-SL
2-Chloronaphthalene	91-58-7	--	--	4100	DTSC-SL	--	--	27000	DTSC-SL
2-Chloronitrobenzene	88-73-3	1.8	USEPA RSL	190	USEPA RSL	4.9	DTSC-SL	1500	DTSC-SL
2-Chlorophenol	95-57-8	--	--	340	DTSC-SL	--	--	3900	DTSC-SL
2-Chlorotoluene	95-49-8	--	--	470	DTSC-SL	--	--	2500	DTSC-SL
2-Mercaptobenzothiazole	149-30-4	49	USEPA RSL	250	USEPA RSL	130	DTSC-SL	2100	DTSC-SL
2-Methoxy-5-nitroaniline	99-59-2	11	USEPA RSL	--	--	30	DTSC-SL	--	--
2-Methyl-1,4-benzenediamine dihydrochloride	615-45-2	--	--	19	USEPA RSL	--	--	160	DTSC-SL
2-Methyl-5-nitroaniline	99-55-8	60	USEPA RSL	1300	USEPA RSL	160	DTSC-SL	11000	DTSC-SL
2-Methylaniline hydrochloride	636-21-5	4.2	USEPA RSL	--	--	11	DTSC-SL	--	--
2-Methylbenzene, 1-4-diamine monohydrochloride	74612-12-7	--	--	13	USEPA RSL	--	--	110	DTSC-SL
2-Methylbenzene-1,4-diamine sulfate	615-50-9	5.4	USEPA RSL	19	USEPA RSL	15	DTSC-SL	160	DTSC-SL
2-Methylnaphthalene	91-57-6	--	--	190	DTSC-SL	--	--	1300	DTSC-SL
2-Methylphenol	95-48-7	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
2-Naphthylamine	91-59-8	0.3	USEPA RSL	--	--	0.82	DTSC-SL	--	--
2-Nitroaniline	88-74-4	--	--	630	USEPA RSL	--	--	5200	DTSC-SL
2-Nitrotoluene	88-72-2	2.2	DTSC-SL	62	DTSC-SL	10	DTSC-SL	710	DTSC-SL
2-Phenylphenol	90-43-7	280	USEPA RSL	--	--	760	DTSC-SL	--	--
3,3'-Dichlorobenzidine	91-94-1	0.45	DTSC-SL	--	--	1.2	DTSC-SL	--	--
3,3'-Dimethoxybenzidine	119-90-4	0.34	USEPA RSL	--	--	0.93	DTSC-SL	--	--
3,3'-Dimethylbenzidine	119-93-7	0.049	USEPA RSL	--	--	0.13	DTSC-SL	--	--
3,4-Dimethylphenol	95-65-8	--	--	63	USEPA RSL	--	--	530	DTSC-SL
3-Methylcholanthrene	56-49-5	0.0055	USEPA RSL	--	--	0.067	DTSC-SL	--	--
3-Methylphenol	108-39-4	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
3-Nitrotoluene	99-08-1	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
4-(2-Methyl-4-chlorophenoxy)butyric acid	94-81-5	--	--	280	USEPA RSL	--	--	2300	DTSC-SL
4,4'-DDD	72-54-8	2.3	USEPA RSL	1.9	USEPA RSL	6.2	DTSC-SL	16	DTSC-SL
4,4'-DDE	72-55-9	2	USEPA RSL	23	USEPA RSL	9.3	USEPA RSL	340	DTSC-SL
4,4'-DDT	50-29-3	1.9	USEPA RSL	37	USEPA RSL	7.1	DTSC-SL	430	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Noncancer Endpoint
4,4'-Dichlorobenzophenone	90-98-2	--	--	570	USEPA RSL	--	--	4800	DTSC-SL
4,4'-Dichlorodiphenyl sulfone	80-07-9	--	--	51	USEPA RSL	--	--	420	DTSC-SL
4,4'-Methylene bis(N,N'-dimethyl)aniline	101-61-1	12	USEPA RSL	--	--	32	DTSC-SL	--	--
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	0.081	DTSC-SL	130	USEPA RSL	0.99	DTSC-SL	1100	DTSC-SL
4,4'-Methylenebisbenzeneamine	101-77-9	0.34	USEPA RSL	28000000	USEPA RSL	0.93	DTSC-SL	12000000	USEPA RSL
4,6-Dinitro-2-methylphenol	534-52-1	--	--	5.1	USEPA RSL	--	--	42	DTSC-SL
4,6-Dinitro-o-cyclohexyl phenol	131-89-5	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
4-Amino-2,6-dinitrotoluene	19406-51-0	--	--	150	USEPA RSL	--	--	2100	DTSC-SL
4-Aminobiphenyl	92-67-1	0.026	USEPA RSL	--	--	0.071	DTSC-SL	--	--
4-Chloro-2-methylaniline hydrochloride	3165-93-3	1.2	USEPA RSL	--	--	3.2	DTSC-SL	--	--
4-Chloro-3-methylphenol	59-50-7	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
4-Chloroaniline	106-47-8	2.7	USEPA RSL	250	USEPA RSL	7.4	DTSC-SL	2100	DTSC-SL
4-Chloronitrobenzene	100-00-5	9	USEPA RSL	44	USEPA RSL	25	DTSC-SL	370	DTSC-SL
4-Chlorotoluene	106-43-4	--	--	440	DTSC-SL	--	--	2300	DTSC-SL
4-Dimethylaminoazobenzene	60-11-7	0.12	USEPA RSL	--	--	0.32	DTSC-SL	--	--
4-Methylphenol	106-44-5	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
4-Nitroaniline	100-01-6	27	USEPA RSL	250	USEPA RSL	74	DTSC-SL	2100	DTSC-SL
4-Nitropyrene	57835-92-4	0.42	USEPA RSL	--	--	1.1	DTSC-SL	--	--
4-Nitrotoluene	99-99-0	34	USEPA RSL	250	USEPA RSL	93	DTSC-SL	2100	DTSC-SL
7,12-Dimethylbenz[a]anthracene	57-97-6	0.00046	USEPA RSL	--	--	0.0051	DTSC-SL	--	--
9,10-Anthraquinone	84-65-1	14	USEPA RSL	130	USEPA RSL	37	DTSC-SL	1100	DTSC-SL
Acenaphthene	83-32-9	--	--	3300	DTSC-SL	--	--	23000	DTSC-SL
Acephate	30560-19-1	--	--	76	USEPA RSL	--	--	640	DTSC-SL
Acetaldehyde	75-07-0	9.1	DTSC-SL	82	USEPA RSL	40	DTSC-SL	340	USEPA RSL
Acetochlor	34256-82-1	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Acetophenone	98-86-2	--	--	6000	DTSC-SL	--	--	55000	DTSC-SL
Acifluorfen sodium	62476-59-9	--	--	820	USEPA RSL	--	--	6900	DTSC-SL
Acrylamide	79-06-1	0.24	USEPA RSL	130	USEPA RSL	3	DTSC-SL	1100	DTSC-SL
Alachlor	15972-60-8	9.7	USEPA RSL	630	USEPA RSL	26	DTSC-SL	5300	DTSC-SL
Aldicarb	116-06-3	--	--	63	USEPA RSL	--	--	530	DTSC-SL
Aldicarb sulfone	1646-88-4	--	--	63	USEPA RSL	--	--	530	DTSC-SL
Aldrin	309-00-2	0.039	USEPA RSL	2.3	USEPA RSL	0.18	USEPA RSL	34	DTSC-SL

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alpha-HCH	319-84-6	0.086	USEPA RSL	510	USEPA RSL	0.24	DTSC-SL	4200	DTSC-SL
Ametryn	834-12-8	--	--	570	USEPA RSL	--	--	4800	DTSC-SL
Amitraz	33089-61-1	--	--	160	USEPA RSL	--	--	1300	DTSC-SL
Aniline	62-53-3	95	USEPA RSL	440	USEPA RSL	260	DTSC-SL	3700	DTSC-SL
Anthracene	120-12-7	--	--	17000	DTSC-SL	--	--	130000	DTSC-SL
Aroclor 1016	12674-11-2	6.6	USEPA RSL	4	DTSC-SL	17	DTSC-SL	29	DTSC-SL
Aroclor 1221	11104-28-2	0.2	USEPA RSL	--	--	0.53	DTSC-SL	--	--
Aroclor 1232	11141-16-5	0.17	USEPA RSL	--	--	0.49	DTSC-SL	--	--
Aroclor 1242	53469-21-9	0.23	USEPA RSL	--	--	0.58	DTSC-SL	--	--
Aroclor 1248	12672-29-6	0.23	USEPA RSL	--	--	0.58	DTSC-SL	--	--
Aroclor 1254	11097-69-1	0.24	USEPA RSL	1.2	USEPA RSL	0.59	DTSC-SL	8.4	DTSC-SL
Aroclor 1260	11096-82-5	0.24	USEPA RSL	--	--	0.6	DTSC-SL	--	--
Aroclor 5460	11126-42-4	--	--	35	USEPA RSL	--	--	260	DTSC-SL
Arsenic	7440-38-2	0.11	DTSC-SL	0.41	DTSC-SL	0.36	DTSC-SL	4.2	DTSC-SL
Asulam	3337-71-1	--	--	2300	USEPA RSL	--	--	19000	DTSC-SL
Atrazine	1912-24-9	2.4	USEPA RSL	2200	USEPA RSL	6.4	DTSC-SL	19000	DTSC-SL
Auramine	492-80-8	0.62	USEPA RSL	--	--	1.7	DTSC-SL	--	--
Avermectin B1a	65195-55-3	--	--	25	USEPA RSL	--	--	210	DTSC-SL
Azinphos-methyl	86-50-0	--	--	190	USEPA RSL	--	--	1600	DTSC-SL
Azodicarbonamide	123-77-3	--	--	8600	USEPA RSL	--	--	39000	DTSC-SL
Benfluralin	1861-40-1	--	--	370	DTSC-SL	--	--	4800	DTSC-SL
Benomyl	17804-35-2	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
Bensulfuron methyl	83055-99-6	--	--	13000	USEPA RSL	--	--	110000	DTSC-SL
Bentazon	25057-89-0	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Benzaldehyde	100-52-7	46	DTSC-SL	4300	DTSC-SL	210	DTSC-SL	29000	DTSC-SL
Benzene	71-43-2	0.33	DTSC-SL	11	DTSC-SL	1.4	DTSC-SL	46	DTSC-SL
Benzidine	92-87-5	0.00024	DTSC-SL	190	USEPA RSL	0.003	DTSC-SL	1600	DTSC-SL
Benzo[a]anthracene	56-55-3	1.1	USEPA RSL	--	--	12	DTSC-SL	--	--
Benzo[a]pyrene	50-32-8	0.11	USEPA RSL	18	USEPA RSL	1.3	DTSC-SL	130	DTSC-SL
Benzo[b]fluoranthene	205-99-2	1.1	USEPA RSL	--	--	13	DTSC-SL	--	--
Benzo[j]fluoranthene	205-82-3	0.42	USEPA RSL	--	--	1.1	DTSC-SL	--	--
Benzo[k]fluoranthene	207-08-9	11	USEPA RSL	--	--	130	DTSC-SL	--	--
Benzoic acid	65-85-0	--	--	250000	USEPA RSL	--	--	2100000	DTSC-SL

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Benzotrichloride	98-07-7	0.028	DTSC-SL	--	--	0.13	DTSC-SL	--	--
Benzyl alcohol	100-51-6	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Beryllium	7440-41-7	1600	USEPA RSL	16	DTSC-SL	6900	USEPA RSL	230	DTSC-SL
Beryllium Sulfate	13510-49-1	1600	DTSC-SL	16	DTSC-SL	6900	DTSC-SL	230	DTSC-SL
beta-HCH	319-85-7	0.3	USEPA RSL	--	--	0.82	DTSC-SL	--	--
Bifenox	42576-02-3	--	--	570	USEPA RSL	--	--	4800	DTSC-SL
Biphenthrin	82657-04-3	--	--	950	USEPA RSL	--	--	7900	DTSC-SL
Biphenyl	92-52-4	56	DTSC-SL	47	USEPA RSL	260	DTSC-SL	200	USEPA RSL
bis(2-Chloroethoxy) methane	111-91-1	--	--	190	USEPA RSL	--	--	1600	DTSC-SL
bis(2-Chloroethyl) Ether	111-44-4	0.1	DTSC-SL	--	--	0.47	DTSC-SL	--	--
bis(2-Ethylhexyl) phthalate	117-81-7	39	USEPA RSL	1300	USEPA RSL	110	DTSC-SL	11000	DTSC-SL
bis-Chloroisopropyl Ether	108-60-1	--	--	2000	DTSC-SL	--	--	16000	DTSC-SL
Bisphenol A	80-05-7	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
Bromodichloromethane	75-27-4	0.29	USEPA RSL	270	DTSC-SL	1.3	USEPA RSL	1300	DTSC-SL
Bromoform	75-25-2	19	USEPA RSL	530	DTSC-SL	86	USEPA RSL	3000	DTSC-SL
Bromophos	2104-96-3	--	--	340	DTSC-SL	--	--	3800	DTSC-SL
Bromoxynil	1689-84-5	5.3	USEPA RSL	950	USEPA RSL	14	DTSC-SL	7900	DTSC-SL
Bromoxynil octanoate	1689-99-2	6.7	USEPA RSL	1100	DTSC-SL	32	USEPA RSL	15000	DTSC-SL
Butyl benzyl phthalate	85-68-7	290	USEPA RSL	13000	USEPA RSL	780	DTSC-SL	110000	DTSC-SL
Butylate	2008-41-5	--	--	3200	DTSC-SL	--	--	33000	DTSC-SL
Butylated hydroxyanisole	25013-16-5	2700	USEPA RSL	--	--	7400	DTSC-SL	--	--
Butylated Hydroxytoluene	128-37-0	150	USEPA RSL	19000	USEPA RSL	410	DTSC-SL	160000	DTSC-SL
Butylphthalyl butylglycolate	85-70-1	--	--	63000	USEPA RSL	--	--	530000	DTSC-SL
Cacodylic acid	75-60-5	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Cadmium (diet)	7440-43-9 (diet)	910	DTSC-SL	71	USEPA RSL	4000	DTSC-SL	780	DTSC-SL
Caprolactam	105-60-2	--	--	31000	USEPA RSL	--	--	260000	DTSC-SL
Captafol	2425-06-1	3.6	USEPA RSL	130	USEPA RSL	9.9	DTSC-SL	1100	DTSC-SL
Captan	133-06-2	240	USEPA RSL	8200	USEPA RSL	640	DTSC-SL	69000	DTSC-SL
Carbaryl	63-25-2	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Carbofuran	1563-66-2	--	--	320	USEPA RSL	--	--	2600	DTSC-SL
Carbon tetrachloride	56-23-5	0.65	USEPA RSL	52	DTSC-SL	2.9	USEPA RSL	250	DTSC-SL
Carbonyl sulfide	463-58-1	--	--	6.7	DTSC-SL	--	--	28	DTSC-SL
Carbosulfan	55285-14-8	--	--	630	USEPA RSL	--	--	5300	DTSC-SL

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Carboxin	5234-68-4	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Chloral hydrate	302-17-0	--	--	6900	DTSC-SL	--	--	80000	DTSC-SL
Chloramben	133-90-4	--	--	950	USEPA RSL	--	--	7900	DTSC-SL
Chloranil	118-75-2	1.3	USEPA RSL	--	--	3.7	DTSC-SL	--	--
Chlordane (technical)	12789-03-6	1.7	USEPA RSL	35	USEPA RSL	6.1	DTSC-SL	360	DTSC-SL
Chlorfenvinphos	470-90-6	--	--	44	USEPA RSL	--	--	370	DTSC-SL
Chlorimuron-ethyl	90982-32-4	--	--	5700	USEPA RSL	--	--	48000	DTSC-SL
Chloroacetaldehyde	107-20-0	0.53	DTSC-SL	--	--	2.4	DTSC-SL	--	--
Chlorobenzilate	510-15-6	4.9	USEPA RSL	1300	USEPA RSL	13	DTSC-SL	11000	DTSC-SL
Chlorodibromomethane	124-48-1	0.94	DTSC-SL	470	DTSC-SL	4.1	DTSC-SL	2500	DTSC-SL
Chlorothalonil	1897-45-6	32	DTSC-SL	950	USEPA RSL	87	DTSC-SL	7900	DTSC-SL
Chlorozotocin	54749-90-5	0.0023	USEPA RSL	--	--	0.0062	DTSC-SL	--	--
Chlorpropham	101-21-3	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
Chlorpyrifos	2921-88-2	--	--	63	USEPA RSL	--	--	530	DTSC-SL
Chlorpyrifos-methyl	5598-13-0	--	--	630	USEPA RSL	--	--	5300	DTSC-SL
Chlorsulfuron	64902-72-3	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
Chlorthal-dimethyl	1861-32-1	--	--	630	USEPA RSL	--	--	5300	DTSC-SL
Chlorthiophos	60238-56-4	--	--	51	USEPA RSL	--	--	420	DTSC-SL
Chromium (VI)	18540-29-9	0.3	USEPA RSL	230	USEPA RSL	6.2	DTSC-SL	3500	USEPA RSL
Chrysene	218-01-9	110	USEPA RSL	--	--	1300	DTSC-SL	--	--
cis-1,2-Dichloroethene	156-59-2	--	--	18	DTSC-SL	--	--	84	DTSC-SL
Clofentezine	74115-24-5	--	--	820	USEPA RSL	--	--	6900	DTSC-SL
Cupferron	135-20-6	2.5	USEPA RSL	--	--	6.7	DTSC-SL	--	--
Cyanazine	21725-46-2	0.65	USEPA RSL	130	USEPA RSL	1.8	DTSC-SL	1100	DTSC-SL
Cyclohexylamine	108-91-8	--	--	13000	DTSC-SL	--	--	120000	DTSC-SL
Cyfluthrin	68359-37-5	--	--	1600	USEPA RSL	--	--	13000	DTSC-SL
Cyhalothrin	68085-85-8	--	--	63	USEPA RSL	--	--	530	DTSC-SL
Cyromazine	66215-27-8	--	--	32000	USEPA RSL	--	--	260000	DTSC-SL
Dalapon	75-99-0	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Daminozide	1596-84-5	30	USEPA RSL	9500	USEPA RSL	82	DTSC-SL	79000	DTSC-SL
Danitol	39515-41-8	--	--	1600	USEPA RSL	--	--	13000	DTSC-SL
Demeton	8065-48-3	--	--	2.5	USEPA RSL	--	--	21	DTSC-SL
Di(2-ethylhexyl)adipate	103-23-1	450	USEPA RSL	38000	USEPA RSL	1200	DTSC-SL	320000	DTSC-SL

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Diallate	2303-16-4	8.9	USEPA RSL	--	--	24	DTSC-SL	--	--
Diazinon	333-41-5	--	--	44	USEPA RSL	--	--	370	DTSC-SL
Dibenz[a,h]anthracene	53-70-3	0.028	DTSC-SL	--	--	0.31	DTSC-SL	--	--
Dibenzo[a,e]pyrene	192-65-4	0.042	USEPA RSL	--	--	0.11	DTSC-SL	--	--
Dibenzofuran	132-64-9	--	--	66	DTSC-SL	--	--	650	DTSC-SL
Dibenzothiophene	132-65-0	--	--	760	DTSC-SL	--	--	10000	DTSC-SL
Dibutyltin Compounds	E1790660	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Dicamba	1918-00-9	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Dichloroacetic acid	79-43-6	11	USEPA RSL	250	USEPA RSL	30	DTSC-SL	2100	DTSC-SL
Dichlorvos	62-73-7	1.9	USEPA RSL	32	USEPA RSL	5.1	DTSC-SL	260	DTSC-SL
Dicrotophos	141-66-2	--	--	1.9	USEPA RSL	--	--	16	DTSC-SL
Dieldrin	60-57-1	0.034	USEPA RSL	3.2	USEPA RSL	0.093	DTSC-SL	26	DTSC-SL
Diethanolamine	111-42-2	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
Diethyl phthalate	84-66-2	--	--	51000	USEPA RSL	--	--	420000	DTSC-SL
Diethylene glycol monobutyl Ether	112-34-5	--	--	1900	USEPA RSL	--	--	15000	DTSC-SL
Diethylene glycol monoethyl Ether	111-90-0	--	--	3800	USEPA RSL	--	--	31000	DTSC-SL
Diethylformamide	617-84-5	--	--	69	DTSC-SL	--	--	790	DTSC-SL
Diethylstilbestrol	56-53-1	0.0016	USEPA RSL	--	--	0.0042	DTSC-SL	--	--
Difenzoquat	43222-48-6	--	--	5200	USEPA RSL	--	--	44000	DTSC-SL
Diflubenzuron	35367-38-5	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
diisopropyl Methylphosphonate	1445-75-6	--	--	4200	DTSC-SL	--	--	34000	DTSC-SL
Dimethipin	55290-64-7	--	--	1400	USEPA RSL	--	--	12000	DTSC-SL
Dimethoate	60-51-5	--	--	140	USEPA RSL	--	--	1200	DTSC-SL
Dimethyl methylphosphonate	756-79-6	320	USEPA RSL	3800	USEPA RSL	870	DTSC-SL	32000	DTSC-SL
Dimethyl terephthalate	120-61-6	--	--	4200	DTSC-SL	--	--	28000	DTSC-SL
di-n-Butyl Phthalate	84-74-2	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Dinitrotoluenes	25321-14-6	1.2	USEPA RSL	57	USEPA RSL	3.3	DTSC-SL	480	DTSC-SL
di-n-Octyl Phthalate	117-84-0	--	--	630	USEPA RSL	--	--	5300	DTSC-SL
Dinoseb	88-85-7	--	--	63	USEPA RSL	--	--	530	DTSC-SL
Diphenamid	957-51-7	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Diphenyl Sulfone	127-63-9	--	--	51	USEPA RSL	--	--	420	DTSC-SL
Diphenylamine	122-39-4	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Diphenyl-p-phenylenediamine	74-31-7	--	--	19	USEPA RSL	--	--	160	DTSC-SL

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Diquat	85-00-7	--	--	140	USEPA RSL	--	--	1200	DTSC-SL
Direct Black 38	1937-37-7	0.073	DTSC-SL	--	--	0.2	DTSC-SL	--	--
Direct Blue 6	2602-46-2	0.073	USEPA RSL	--	--	0.2	DTSC-SL	--	--
Direct Brown 95	16071-86-6	0.081	USEPA RSL	--	--	0.22	DTSC-SL	--	--
Disulfoton	298-04-4	--	--	2.5	USEPA RSL	--	--	21	DTSC-SL
Diuron	330-54-1	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
Dodine	2439-10-3	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Endosulfan	115-29-7	--	--	450	DTSC-SL	--	--	6000	DTSC-SL
Endosulfan Sulfate	1031-07-8	--	--	380	USEPA RSL	--	--	3200	DTSC-SL
Endothall	145-73-3	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Endrin	72-20-8	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Epichlorohydrin	106-89-8	1.8	DTSC-SL	19	USEPA RSL	8.1	DTSC-SL	82	USEPA RSL
Ethephon	16672-87-0	--	--	320	USEPA RSL	--	--	2600	DTSC-SL
Ethion	563-12-2	--	--	32	USEPA RSL	--	--	260	DTSC-SL
Ethyl Ether	60-29-7	--	--	2200	DTSC-SL	--	--	10000	DTSC-SL
Ethyl p-nitrophenyl phenylphosphorothioate	2104-64-5	--	--	0.63	USEPA RSL	--	--	5.3	DTSC-SL
Ethylene cyanohydrin	109-78-4	--	--	4400	USEPA RSL	--	--	37000	DTSC-SL
Ethylene diamine	107-15-3	--	--	6400	DTSC-SL	--	--	77000	DTSC-SL
Ethylene dibromide	106-93-4	0.036	USEPA RSL	7.1	DTSC-SL	0.16	USEPA RSL	30	DTSC-SL
Ethylene glycol	107-21-1	--	--	130000	USEPA RSL	--	--	1100000	DTSC-SL
Ethylene thiourea	96-45-7	4.9	DTSC-SL	5.1	USEPA RSL	13	DTSC-SL	42	DTSC-SL
Ethylphthalyl ethylglycolate	84-72-0	--	--	190000	USEPA RSL	--	--	1600000	DTSC-SL
Fenamiphos	22224-92-6	--	--	16	USEPA RSL	--	--	130	DTSC-SL
Fenvalerate	51630-58-1	--	--	1600	USEPA RSL	--	--	13000	DTSC-SL
Fluometuron	2164-17-2	--	--	820	USEPA RSL	--	--	6900	DTSC-SL
Fluoranthene	206-44-0	--	--	2400	USEPA RSL	--	--	18000	DTSC-SL
Fluorene	86-73-7	--	--	2300	DTSC-SL	--	--	17000	DTSC-SL
Fluoridone	59756-60-4	--	--	5100	USEPA RSL	--	--	42000	DTSC-SL
Flurprimidol	56425-91-3	--	--	2500	USEPA RSL	--	--	21000	DTSC-SL
Flusilazole	85509-19-9	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
Flutolanil	66332-96-5	--	--	32000	USEPA RSL	--	--	260000	DTSC-SL
Fluvalinate	69409-94-5	--	--	630	USEPA RSL	--	--	5300	DTSC-SL

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Folpet	133-07-3	--	--	5700	USEPA RSL	--	--	48000	DTSC-SL
Fomesafen	72178-02-0	--	--	160	USEPA RSL	--	--	1300	DTSC-SL
Fonofos	944-22-9	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
Formaldehyde	50-00-0	11	USEPA RSL	700	DTSC-SL	50	USEPA RSL	3000	DTSC-SL
Fosetyl-al	39148-24-8	--	--	160000	USEPA RSL	--	--	1300000	DTSC-SL
Furan	110-00-9	--	--	9.5	DTSC-SL	--	--	44	DTSC-SL
Furazolidone	67-45-8	0.14	USEPA RSL	--	--	0.39	DTSC-SL	--	--
Furium	531-82-8	0.36	USEPA RSL	--	--	0.99	DTSC-SL	--	--
Furmecyclox	60568-05-0	18	USEPA RSL	--	--	49	DTSC-SL	--	--
gamma-HCH	58-89-9	0.57	USEPA RSL	21	USEPA RSL	2	DTSC-SL	240	DTSC-SL
Glufosinate-ammonium	77182-82-2	--	--	380	USEPA RSL	--	--	3200	DTSC-SL
Glutaraldehyde	111-30-8	--	--	6000	USEPA RSL	--	--	48000	DTSC-SL
Glyphosate	1071-83-6	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Guanidine	113-00-8	--	--	690	DTSC-SL	--	--	8000	DTSC-SL
Guanidine Chloride	50-01-1	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Guanidine Nitrate	506-93-4	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Haloxyfop-methyl	69806-40-2	--	--	3.2	USEPA RSL	--	--	26	DTSC-SL
HCH (mixed isomers)	608-73-1	0.14	DTSC-SL	--	--	0.37	DTSC-SL	--	--
Heptachlor	76-44-8	0.13	USEPA RSL	38	DTSC-SL	0.63	USEPA RSL	510	DTSC-SL
Heptachlor Epoxide	1024-57-3	0.07	USEPA RSL	0.99	DTSC-SL	0.33	USEPA RSL	14	DTSC-SL
Hexabromobenzene	87-82-1	--	--	150	DTSC-SL	--	--	2000	DTSC-SL
Hexachlorobenzene	118-74-1	0.19	DTSC-SL	49	DTSC-SL	0.86	DTSC-SL	470	DTSC-SL
Hexachlorobutadiene	87-68-3	1.2	USEPA RSL	29	DTSC-SL	5.3	USEPA RSL	160	DTSC-SL
Hexachlorodibenzo-p-dioxin Mixture	34465-46-8	0.0001	USEPA RSL	--	--	0.00039	DTSC-SL	--	--
Hexachlorophene	70-30-4	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Hexamethylphosphoramide	680-31-9	--	--	25	USEPA RSL	--	--	210	DTSC-SL
Hexanedioic Acid	124-04-9	--	--	130000	USEPA RSL	--	--	1100000	DTSC-SL
Hexazinone	51235-04-2	--	--	2100	USEPA RSL	--	--	17000	DTSC-SL
Hexythiazox	78587-05-0	--	--	1600	USEPA RSL	--	--	13000	DTSC-SL
HMX	2691-41-0	--	--	3900	USEPA RSL	--	--	54000	DTSC-SL
Hydramethylnon	67485-29-4	--	--	1100	USEPA RSL	--	--	9000	DTSC-SL
Hydrogen Chloride	7647-01-0	--	--	13000000	DTSC-SL	--	--	54000000	DTSC-SL
Hydroquinone	123-31-9	9	USEPA RSL	2500	USEPA RSL	25	DTSC-SL	21000	DTSC-SL

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Imazalil	35554-44-0	8.9	USEPA RSL	160	USEPA RSL	24	DTSC-SL	1300	DTSC-SL
Imazaquin	81335-37-7	--	--	16000	USEPA RSL	--	--	130000	DTSC-SL
Imazethapyr	81335-77-5	--	--	160000	USEPA RSL	--	--	1300000	DTSC-SL
Indeno[1,2,3-cd]pyrene	193-39-5	1.1	USEPA RSL	--	--	13	DTSC-SL	--	--
Iprodione	36734-19-7	--	--	2500	USEPA RSL	--	--	21000	DTSC-SL
Isobutanol	78-83-1	--	--	14000	DTSC-SL	--	--	100000	DTSC-SL
Isophorone	78-59-1	570	USEPA RSL	13000	USEPA RSL	1600	DTSC-SL	110000	DTSC-SL
Isopropalin	33820-53-0	--	--	1100	DTSC-SL	--	--	15000	DTSC-SL
Isopropyl methyl phosphonic acid	1832-54-8	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Isoxaben	82558-50-7	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
Kepone	143-50-0	0.054	USEPA RSL	19	USEPA RSL	0.15	DTSC-SL	160	DTSC-SL
Lactofen	77501-63-4	--	--	510	USEPA RSL	--	--	4200	DTSC-SL
Lactonitrile	78-97-7	--	--	13	USEPA RSL	--	--	110	DTSC-SL
Lead and compounds	7439-92-1	--	--	80	DTSC-SL-SL	--	--	320	DTSC-SL-SL
Lead acetate	301-04-2	1.9	DTSC-SL	--	--	5.3	DTSC-SL	--	--
Lead subacetate	1335-32-6	14	DTSC-SL	--	--	39	DTSC-SL	--	--
Lewisite	541-25-3	--	--	0.23	DTSC-SL	--	--	1.6	DTSC-SL
Linuron	330-55-2	--	--	490	USEPA RSL	--	--	4100	DTSC-SL
Malathion	121-75-5	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Maleic anhydride	108-31-6	--	--	6300	USEPA RSL	--	--	52000	DTSC-SL
Maleic hydrazide	123-33-1	--	--	32000	USEPA RSL	--	--	260000	DTSC-SL
Malononitrile	109-77-3	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
m-Aminophenol	591-27-5	--	--	5100	USEPA RSL	--	--	42000	DTSC-SL
Mancozeb	8018-01-7	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Maneb	12427-38-2	--	--	320	USEPA RSL	--	--	2600	DTSC-SL
MCPA	94-74-6	--	--	32	USEPA RSL	--	--	260	DTSC-SL
Mecoprop	93-65-2	--	--	63	USEPA RSL	--	--	530	DTSC-SL
Mephosfolan	950-10-7	--	--	5.7	USEPA RSL	--	--	48	DTSC-SL
Mepiquat	24307-26-4	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Mercuric Chloride	7487-94-7	--	--	13	DTSC-SL	--	--	190	DTSC-SL
Mercury	7439-97-6	--	--	1	DTSC-SL	--	--	4.4	DTSC-SL
Merphos	150-50-5	--	--	2.3	USEPA RSL	--	--	34	DTSC-SL
Merphos oxide	78-48-8	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL

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Metalaxyl	57837-19-1	--	--	3800	USEPA RSL	--	--	32000	DTSC-SL
Methamidophos	10265-92-6	--	--	3.2	USEPA RSL	--	--	26	DTSC-SL
Methidathion	950-37-8	--	--	95	USEPA RSL	--	--	790	DTSC-SL
Methomyl	16752-77-5	--	--	1600	USEPA RSL	--	--	13000	DTSC-SL
Methoxychlor	72-43-5	--	--	320	USEPA RSL	--	--	2600	DTSC-SL
Methyl acetate	79-20-9	--	--	24000	DTSC-SL	--	--	130000	DTSC-SL
Methyl Parathion	298-00-0	--	--	16	USEPA RSL	--	--	130	DTSC-SL
Methyl styrene (alpha)	98-83-9	--	--	2200	DTSC-SL	--	--	13000	DTSC-SL
Methylarsonic acid	124-58-3	--	--	630	USEPA RSL	--	--	5300	DTSC-SL
Methylcyclohexane	108-87-2	--	--	5500	DTSC-SL	--	--	23000	DTSC-SL
Methylene Chloride	75-09-2	2.2	DTSC-SL	310	DTSC-SL	26	DTSC-SL	2500	DTSC-SL
Methylene diphenyl diisocyanate	101-68-8	--	--	110000	DTSC-SL	--	--	480000	DTSC-SL
Methylmethanesulfonate	66-27-3	5.5	USEPA RSL	--	--	15	DTSC-SL	--	--
Methylphenols	1319-77-3	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Methylphosphonic acid	993-13-5	--	--	3800	USEPA RSL	--	--	32000	DTSC-SL
Metolachlor	51218-45-2	--	--	9500	USEPA RSL	--	--	79000	DTSC-SL
Metribuzin	21087-64-9	--	--	1600	USEPA RSL	--	--	13000	DTSC-SL
Metsulfuron-methyl	74223-64-6	--	--	16000	USEPA RSL	--	--	130000	DTSC-SL
Mineral oils (I)	8012-95-1	--	--	16000	DTSC-SL	--	--	71000	DTSC-SL
Mirex	2385-85-5	0.036	USEPA RSL	15	DTSC-SL	0.17	USEPA RSL	220	DTSC-SL
Molinate	2212-67-1	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
Monomethylaniline	100-61-8	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
Myclobutanil	88671-89-0	--	--	1600	USEPA RSL	--	--	13000	DTSC-SL
N,N-Dimethylaniline	121-69-7	8.6	DTSC-SL	98	DTSC-SL	39	DTSC-SL	750	DTSC-SL
Naled	300-76-5	--	--	120	DTSC-SL	--	--	1100	DTSC-SL
Naphthalene	91-20-3	2	DTSC-SL	130	USEPA RSL	6.5	DTSC-SL	570	DTSC-SL
Napropamide	15299-99-7	--	--	7600	USEPA RSL	--	--	64000	DTSC-SL
n-Butyl alcohol	71-36-3	--	--	4800	DTSC-SL	--	--	36000	DTSC-SL
n-Butylbenzene	104-51-8	--	--	2400	DTSC-SL	--	--	18000	DTSC-SL
Nickel	7440-02-0	15000	USEPA RSL	820	DTSC-SL	64000	USEPA RSL	11000	DTSC-SL
Nickel Acetate	373-02-4	15000	USEPA RSL	670	USEPA RSL	64000	USEPA RSL	5400	DTSC-SL
Nickel Carbonate	3333-67-3	15000	USEPA RSL	670	USEPA RSL	64000	USEPA RSL	5400	DTSC-SL
Nickel refinery dust	E715532	15000	DTSC-SL	820	USEPA RSL	64000	DTSC-SL	11000	USEPA RSL

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Nickelocene	1271-28-9	0.6	DTSC-SL	670	USEPA RSL	1.6	DTSC-SL	5400	DTSC-SL
Nitrocellulose	9004-70-0	--	--	190000000	USEPA RSL	--	--	1600000000	DTSC-SL
Nitrofurantoin	67-20-9	--	--	4400	USEPA RSL	--	--	37000	DTSC-SL
Nitrofurazone	59-87-0	0.42	USEPA RSL	--	--	1.1	DTSC-SL	--	--
Nitroglycerin	55-63-0	32	USEPA RSL	6.3	USEPA RSL	87	DTSC-SL	53	DTSC-SL
Nitroguanidine	556-88-7	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7	0.065	USEPA RSL	--	--	0.18	DTSC-SL	--	--
N-Nitrosodiethanolamine	1116-54-7	0.19	USEPA RSL	--	--	0.53	DTSC-SL	--	--
N-Nitrosodiethylamine	55-18-5	0.00081	USEPA RSL	--	--	0.0099	DTSC-SL	--	--
N-Nitroso-di-n-butylamine	924-16-3	0.049	DTSC-SL	--	--	0.23	DTSC-SL	--	--
N-Nitrosodiphenylamine	86-30-6	110	USEPA RSL	--	--	300	DTSC-SL	--	--
N-Nitrosodipropylamine	621-64-7	0.078	USEPA RSL	--	--	0.21	DTSC-SL	--	--
N-Nitrosomorpholine	59-89-2	0.081	USEPA RSL	--	--	0.22	DTSC-SL	--	--
N-Nitroso-N-ethylurea	759-73-9	0.0045	USEPA RSL	--	--	0.055	DTSC-SL	--	--
N-Nitroso-N-methylurea	684-93-5	0.001	USEPA RSL	--	--	0.012	DTSC-SL	--	--
N-Nitrosopiperidine	100-75-4	0.058	USEPA RSL	--	--	0.16	DTSC-SL	--	--
N-Nitrosopyrrolidine	930-55-2	0.26	USEPA RSL	--	--	0.71	DTSC-SL	--	--
Norflurazon	27314-13-2	--	--	950	USEPA RSL	--	--	7900	DTSC-SL
o-Aminophenol	95-55-6	--	--	250	USEPA RSL	--	--	2100	DTSC-SL
Octabromodiphenyl Ethers	32536-52-0	--	--	190	USEPA RSL	--	--	1600	DTSC-SL
Octamethylpyrophosphoramidate	152-16-9	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
Oryzalin	19044-88-3	70	USEPA RSL	8800	USEPA RSL	190	DTSC-SL	74000	DTSC-SL
o-Toluidine	95-53-4	3	DTSC-SL	--	--	8.2	DTSC-SL	--	--
Oxadiazon	19666-30-9	--	--	320	USEPA RSL	--	--	2600	DTSC-SL
Oxamyl	23135-22-0	--	--	1600	USEPA RSL	--	--	13000	DTSC-SL
Oxyfluorfen	42874-03-3	7.4	USEPA RSL	1900	USEPA RSL	20	DTSC-SL	16000	DTSC-SL
p,a,a,a-Tetrachlorotoluene	5216-25-1	0.027	DTSC-SL	4	DTSC-SL	0.13	DTSC-SL	43	DTSC-SL
Paclobutrazol	76738-62-0	--	--	820	USEPA RSL	--	--	6900	DTSC-SL
p-Aminophenol	123-30-8	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Paraquat dichloride	1910-42-5	--	--	280	USEPA RSL	--	--	2400	DTSC-SL
Parathion	56-38-2	--	--	380	USEPA RSL	--	--	3200	DTSC-SL
PCB-077	32598-13-3	0.038	USEPA RSL	0.41	USEPA RSL	0.094	DTSC-SL	3	DTSC-SL
PCB-081	70362-50-4	0.012	USEPA RSL	0.13	USEPA RSL	0.03	DTSC-SL	1	DTSC-SL

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PCB-105	32598-14-4	0.12	USEPA RSL	1.3	USEPA RSL	0.3	DTSC-SL	10	DTSC-SL
PCB-114	74472-37-0	0.12	USEPA RSL	1.3	USEPA RSL	0.3	DTSC-SL	10	DTSC-SL
PCB-118	31508-00-6	0.12	USEPA RSL	1.3	USEPA RSL	0.3	DTSC-SL	10	DTSC-SL
PCB-123	65510-44-3	0.12	USEPA RSL	1.3	USEPA RSL	0.3	DTSC-SL	10	DTSC-SL
PCB-126	57465-28-8	0.000036	USEPA RSL	0.00041	USEPA RSL	0.00009	DTSC-SL	0.003	DTSC-SL
PCB-156	38380-08-4	0.12	USEPA RSL	1.3	USEPA RSL	0.3	DTSC-SL	10	DTSC-SL
PCB-157	69782-90-7	0.12	USEPA RSL	1.3	USEPA RSL	0.3	DTSC-SL	10	DTSC-SL
PCB-167	52663-72-6	0.12	USEPA RSL	1.3	USEPA RSL	0.31	DTSC-SL	10	DTSC-SL
PCB-169	32774-16-6	0.00012	USEPA RSL	0.0013	USEPA RSL	0.00031	DTSC-SL	0.01	DTSC-SL
PCB-189	39635-31-9	0.13	USEPA RSL	1.3	USEPA RSL	0.31	DTSC-SL	10	DTSC-SL
PCBs (Total)	1336-36-3	0.23	USEPA RSL	--	--	0.58	DTSC-SL	--	--
p-Chlorobenzene sulfonic acid	98-66-8	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
p-Chlorobenzoic acid	74-11-3	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
p-Chloro-o-toluidine	95-69-2	2	DTSC-SL	190	USEPA RSL	5.5	DTSC-SL	1600	DTSC-SL
Pebulate	1114-71-2	--	--	2800	DTSC-SL	--	--	24000	DTSC-SL
Pendimethalin	40487-42-1	--	--	19000	USEPA RSL	--	--	160000	DTSC-SL
Pentabromo-6-chloro cyclohexane	87-84-3	27	USEPA RSL	1300	USEPA RSL	74	DTSC-SL	11000	DTSC-SL
Pentabromodiphenyl Ethers	32534-81-9	--	--	150	DTSC-SL	--	--	2100	DTSC-SL
Pentachlorobenzene	608-93-5	--	--	51	DTSC-SL	--	--	510	DTSC-SL
Pentachloroethane	76-01-7	1	DTSC-SL	--	--	4.6	DTSC-SL	--	--
Pentachloronitrobenzene	82-68-8	2.3	DTSC-SL	220	DTSC-SL	11	DTSC-SL	3000	DTSC-SL
Pentachlorophenol	87-86-5	1	USEPA RSL	250	USEPA RSL	2	DTSC-SL	1500	DTSC-SL
Pentaerythritol tetranitrate (PETN)	78-11-5	140	USEPA RSL	130	USEPA RSL	370	DTSC-SL	1100	DTSC-SL
Perfluorobutane sulfonic acid	375-73-5	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Perfluorobutanesulfonate	45187-15-3	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Permethrin	52645-53-1	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
Phenacetin	62-44-2	250	USEPA RSL	--	--	670	DTSC-SL	--	--
Phenmedipham	13684-63-4	--	--	15000	USEPA RSL	--	--	130000	DTSC-SL
Phenol	108-95-2	--	--	19000	USEPA RSL	--	--	160000	DTSC-SL
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	--	--	250	USEPA RSL	--	--	2100	DTSC-SL
Phenothiazine	92-84-2	--	--	32	USEPA RSL	--	--	260	DTSC-SL
Phenyl Isothiocyanate	103-72-0	--	--	4.3	DTSC-SL	--	--	22	DTSC-SL

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Phenylmercaptan	108-98-5	--	--	40	DTSC-SL	--	--	260	DTSC-SL
Phenylmercuric acetate	62-38-4	--	--	5.1	USEPA RSL	--	--	42	DTSC-SL
Phorate	298-02-2	--	--	13	USEPA RSL	--	--	110	DTSC-SL
Phosmet	732-11-6	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Phosphorus, White	7723-14-0	--	--	0.42	DTSC-SL	--	--	2.2	DTSC-SL
Phthalic anhydride	85-44-9	--	--	130000	USEPA RSL	--	--	1000000	DTSC-SL
Picloram	1918-02-1	--	--	4400	USEPA RSL	--	--	37000	DTSC-SL
Picramic Acid	96-91-3	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
Picric Acid	88-89-1	--	--	57	USEPA RSL	--	--	480	DTSC-SL
Pirimiphos-methyl	29232-93-7	--	--	4.4	USEPA RSL	--	--	37	DTSC-SL
Polybrominated Biphenyls (BP-6)	59536-65-1	0.018	USEPA RSL	0.44	USEPA RSL	0.049	DTSC-SL	3.7	DTSC-SL
Polymeric methylenediphenyl diisocyanate	9016-87-9	--	--	110000	DTSC-SL	--	--	480000	DTSC-SL
Potassium Perfluorobutane Sulfonate	29420-49-3	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
p-Phthalic acid	100-21-0	--	--	63000	USEPA RSL	--	--	530000	DTSC-SL
Prochloraz	67747-09-5	3.6	USEPA RSL	570	USEPA RSL	9.9	DTSC-SL	4800	DTSC-SL
Profluralin	26399-36-0	--	--	450	DTSC-SL	--	--	6000	DTSC-SL
Prometon	1610-18-0	--	--	950	USEPA RSL	--	--	7900	DTSC-SL
Prometryn	7287-19-6	--	--	2500	USEPA RSL	--	--	21000	DTSC-SL
Propachlor	1918-16-7	--	--	820	USEPA RSL	--	--	6900	DTSC-SL
Propanil	709-98-8	--	--	320	USEPA RSL	--	--	2600	DTSC-SL
Propargite	2312-35-8	2.8	USEPA RSL	2500	USEPA RSL	7.7	DTSC-SL	21000	DTSC-SL
Propargyl alcohol	107-19-7	--	--	120	DTSC-SL	--	--	1100	DTSC-SL
Propazine	139-40-2	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Propham	122-42-9	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Propiconazole	60207-90-1	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Propylene glycol	57-55-6	--	--	1300000	USEPA RSL	--	--	11000000	DTSC-SL
Propyzamide	23950-58-5	--	--	4700	USEPA RSL	--	--	40000	DTSC-SL
p-Toluic Acid	99-94-5	--	--	320	USEPA RSL	--	--	2600	DTSC-SL
p-Toluidine	106-49-0	18	USEPA RSL	250	USEPA RSL	49	DTSC-SL	2100	DTSC-SL
Pyrene	129-00-0	--	--	1800	USEPA RSL	--	--	13000	DTSC-SL
Pyridine	110-86-1	--	--	58	DTSC-SL	--	--	530	DTSC-SL
Quinalphos	13593-03-8	--	--	32	USEPA RSL	--	--	260	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Noncancer Endpoint
Quinoline	91-22-5	0.18	USEPA RSL	--	--	0.49	DTSC-SL	--	--
Quizalofop-ethyl	76578-14-8	--	--	570	USEPA RSL	--	--	4800	DTSC-SL
RDX	121-82-4	8.3	USEPA RSL	300	USEPA RSL	35	DTSC-SL	4000	DTSC-SL
Resmethrin	10453-86-8	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Ronnel	299-84-3	--	--	3800	DTSC-SL	--	--	51000	DTSC-SL
Rotenone	83-79-4	--	--	250	USEPA RSL	--	--	2100	DTSC-SL
Safrole	94-59-7	0.55	USEPA RSL	--	--	6.7	DTSC-SL	--	--
sec-Butylbenzene	135-98-8	--	--	2200	DTSC-SL	--	--	12000	DTSC-SL
Sethoxydim	74051-80-2	--	--	8800	USEPA RSL	--	--	74000	DTSC-SL
S-Ethyl dipropylthiocarbamate	759-94-4	--	--	3400	DTSC-SL	--	--	37000	DTSC-SL
Silvex	93-72-1	--	--	510	USEPA RSL	--	--	4200	DTSC-SL
Simazine	122-34-9	4.5	USEPA RSL	320	USEPA RSL	12	DTSC-SL	2600	DTSC-SL
Sodium diethyldithiocarbamate	148-18-5	2	USEPA RSL	1900	USEPA RSL	5.5	DTSC-SL	16000	DTSC-SL
Sodium fluoroacetate	62-74-8	--	--	1.3	USEPA RSL	--	--	11	DTSC-SL
Stirofos	961-11-5	23	USEPA RSL	1900	USEPA RSL	62	DTSC-SL	16000	DTSC-SL
Strychnine	57-24-9	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Styrene	100-42-5	--	--	5600	DTSC-SL	--	--	32000	DTSC-SL
Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	57964-39-3	--	--	190	DTSC-SL	--	--	1600	DTSC-SL
Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	57964-40-6	--	--	190	USEPA RSL	--	--	1600	DTSC-SL
Sulfolane	126-33-0	--	--	63	USEPA RSL	--	--	530	DTSC-SL
Tebuthiuron	34014-18-1	--	--	4400	USEPA RSL	--	--	37000	DTSC-SL
Temephos	3383-96-8	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Terbacil	5902-51-2	--	--	820	USEPA RSL	--	--	6900	DTSC-SL
Terbufos	13071-79-9	--	--	1.8	DTSC-SL	--	--	23	DTSC-SL
Terbutryn	886-50-0	--	--	63	USEPA RSL	--	--	530	DTSC-SL
tert-Butylbenzene	98-06-6	--	--	2200	DTSC-SL	--	--	12000	DTSC-SL
Tetrachloroethene	127-18-4	0.59	DTSC-SL	81	USEPA RSL	2.7	DTSC-SL	390	USEPA RSL
Tetraethyl Lead	78-00-2	--	--	0.00072	DTSC-SL	--	--	0.0033	DTSC-SL
Tetraethyldithiopyrophosphate	3689-24-5	--	--	32	USEPA RSL	--	--	260	DTSC-SL
Tetrahydrofuran	109-99-9	--	--	18000	USEPA RSL	--	--	92000	DTSC-SL
Thifensulfuron-methyl	79277-27-3	--	--	2700	USEPA RSL	--	--	23000	DTSC-SL
Thiobencarb	28249-77-6	--	--	630	USEPA RSL	--	--	5300	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Noncancer Endpoint
Thiocyanic acid (2-benzothiazolylthio)methyl ester	21564-17-0	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Thiodiglycol	111-48-8	--	--	5400	USEPA RSL	--	--	75000	DTSC-SL
Thiofanox	39196-18-4	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Thiophanate-methyl	23564-05-8	45	DTSC-SL	1700	USEPA RSL	120	DTSC-SL	14000	DTSC-SL
Thiram	137-26-8	--	--	950	USEPA RSL	--	--	7900	DTSC-SL
Toluene	108-88-3	--	--	1100	DTSC-SL	--	--	5300	DTSC-SL
Toluene-2,4-diisocyanate	584-84-9	16	DTSC-SL	6.4	USEPA RSL	76	DTSC-SL	27	USEPA RSL
Toluene-2,5-diamine	95-70-5	3	USEPA RSL	13	USEPA RSL	8.2	DTSC-SL	110	DTSC-SL
Toluene-2,6-diisocyanate	91-08-7	16	DTSC-SL	5.3	USEPA RSL	75	DTSC-SL	22	USEPA RSL
Toxaphene	8001-35-2	0.45	DTSC-SL	5.7	USEPA RSL	1.2	DTSC-SL	48	DTSC-SL
Toxaphene, Weathered	E1841606	--	--	1.9	USEPA RSL	--	--	16	DTSC-SL
TPH (C17-C32 aromatic high)	E1790676	--	--	2400	USEPA RSL	--	--	18000	DTSC-SL
TPH (C9-C16 aromatic medium)	E1790674	--	--	97	USEPA RSL	--	--	500	DTSC-SL
Tralomethrin	66841-25-6	--	--	470	USEPA RSL	--	--	4000	DTSC-SL
trans-1,2-Dichloroethene	156-60-5	--	--	130	DTSC-SL	--	--	600	DTSC-SL
trans-Crotonaldehyde	123-73-9	0.086	DTSC-SL	39	DTSC-SL	0.38	DTSC-SL	260	DTSC-SL
Triacetin	102-76-1	--	--	5100000	USEPA RSL	--	--	42000000	DTSC-SL
Triadimefon	43121-43-3	--	--	2100	USEPA RSL	--	--	18000	DTSC-SL
Triallate	2303-17-5	8.2	DTSC-SL	1900	DTSC-SL	38	DTSC-SL	25000	DTSC-SL
Triasulfuron	82097-50-5	--	--	630	USEPA RSL	--	--	5300	DTSC-SL
Tribenuron-methyl	101200-48-0	--	--	510	USEPA RSL	--	--	4200	DTSC-SL
Tributyl phosphate	126-73-8	60	USEPA RSL	630	USEPA RSL	160	DTSC-SL	5300	DTSC-SL
Tributyltin	688-73-3	--	--	3.6	DTSC-SL	--	--	17	DTSC-SL
Tributyltin Compounds	E1790678	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Tributyltin oxide	56-35-9	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Trichloroacetic acid	76-03-9	7.8	USEPA RSL	1300	USEPA RSL	21	DTSC-SL	11000	DTSC-SL
Trichlorofluoromethane	75-69-4	--	--	1200	DTSC-SL	--	--	5400	DTSC-SL
Tricresyl Phosphates	1330-78-5	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Tridiphane	58138-08-2	--	--	190	USEPA RSL	--	--	1600	DTSC-SL
Triethyleneglycol	112-27-6	--	--	130000	USEPA RSL	--	--	1100000	DTSC-SL
Trifluralin	1582-09-8	81	DTSC-SL	570	DTSC-SL	380	DTSC-SL	7800	DTSC-SL
Trimethyl phosphate	512-56-1	27	USEPA RSL	630	USEPA RSL	74	DTSC-SL	5300	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Soil, Noncancer Endpoint
Triphenylphosphine oxide	791-28-6	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Tris(1,3-dichloro-2-propyl)phosphate	13674-87-8	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
Tris(1-chloro-2-propyl)phosphate	13674-84-5	--	--	630	USEPA RSL	--	--	5300	DTSC-SL
Tris(2-chloroethyl)phosphate	115-96-8	27	USEPA RSL	440	USEPA RSL	74	DTSC-SL	3700	DTSC-SL
Tris(2-ethylhexyl)phosphate	78-42-2	170	USEPA RSL	6300	USEPA RSL	460	DTSC-SL	53000	DTSC-SL
Uranium	7440-61-1	--	--	16	DTSC-SL	--	--	230	DTSC-SL
Urethane	51-79-6	0.12	USEPA RSL	--	--	1.5	DTSC-SL	--	--
Vernam	1929-77-7	--	--	68	DTSC-SL	--	--	760	DTSC-SL
Vinclozolin	50471-44-8	--	--	76	USEPA RSL	--	--	640	DTSC-SL
Vinyl chloride	75-01-4	0.0082	DTSC-SL	70	USEPA RSL	0.15	DTSC-SL	370	USEPA RSL
Warfarin	81-81-2	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Zineb	12122-67-7	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL

Symbols, Abbreviations, and Acronyms:

-- = no value

DTSC = California Department of Toxic Substances Control

mg/kg = milligrams per kilogram

RSL = Regional Screening Level

SL = screening level

USEPA = U.S. Environmental Protection Agency

Table 2: HHRA Note 3 June 2020, DTSC-recommended Screening Levels for Tap Water Analytes

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Tap Water (µg/L), Cancer Endpoint	Reference for Screening Level for Tap Water, Cancer Endpoint	Screening Level for Tap Water (µg/L), Noncancer Endpoint	Reference for Screening Level for Tap Water, Noncancer Endpoint
1,1,1,2-Tetrachloroethane	630-20-6	0.57	USEPA RSL	160	DTSC-SL
1,1,1-Trichloroethane	71-55-6	--	--	2000	DTSC-SL
1,1,2,2-Tetrachloroethane	79-34-5	0.076	USEPA RSL	110	DTSC-SL
1,1,2-Trichloropropane	598-77-6	--	--	28	DTSC-SL
1,1-Dichloroethane	75-34-3	2.8	USEPA RSL	1200	DTSC-SL
1,1-Dichloroethene	75-35-4	--	--	130	DTSC-SL
1,2,3-Trichlorobenzene	87-61-6	--	--	3.4	DTSC-SL
1,2,3-Trichloropropane	96-18-4	0.0002	DTSC-SL	0.62	USEPA RSL
1,2,4,5-Tetrachlorobenzene	95-94-3	--	--	1	DTSC-SL
1,2,4-Tribromobenzene	615-54-3	--	--	22	DTSC-SL
1,2,4-Trichlorobenzene	120-82-1	0.46	DTSC-SL	4	USEPA RSL
1,2-Dibromo-3-chloropropane	96-12-8	0.0003	DTSC-SL	0.37	USEPA RSL
1,3-Dibromobenzene	108-36-1	--	--	2	DTSC-SL
1,3-Dichloropropane	142-28-9	--	--	110	DTSC-SL
1,4-Dibromobenzene	106-37-6	--	--	51	DTSC-SL
1,4-Dithiane	505-29-3	--	--	59	DTSC-SL
1-Bromo-3-fluorobenzene	1073-06-9	--	--	1.7	DTSC-SL
1-Bromo-4-fluorobenzene	460-00-4	--	--	1.6	DTSC-SL
1-Chlorobutane	109-69-3	--	--	220	DTSC-SL
1-Methylnaphthalene	90-12-0	0.46	DTSC-SL	300	DTSC-SL
2,4,4-Trimethylpentene	25167-70-8	--	--	36	DTSC-SL
2,4,6-Trichlorophenol	88-06-2	0.65	DTSC-SL	12	USEPA RSL
2,4/2,6-Dinitrotoluenes	E1615210	0.11	USEPA RSL	17	DTSC-SL
2-Chloroethanol	107-07-3	--	--	120	DTSC-SL
2-Chloronaphthalene	91-58-7	--	--	350	DTSC-SL
2-Chlorophenol	95-57-8	--	--	29	DTSC-SL
2-Chlorotoluene	95-49-8	--	--	98	DTSC-SL
2-Methylnaphthalene	91-57-6	--	--	17	DTSC-SL
2-Nitrotoluene	88-72-2	0.077	DTSC-SL	5.1	DTSC-SL
3,3'-Dichlorobenzidine	91-94-1	0.047	DTSC-SL	--	--
4,4'-DDE	72-55-9	0.046	USEPA RSL	1.8	DTSC-SL
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	0.011	DTSC-SL	26	USEPA RSL
4-Chlorotoluene	106-43-4	--	--	100	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Tap Water (µg/L), Cancer Endpoint	Reference for Screening Level for Tap Water, Cancer Endpoint	Screening Level for Tap Water (µg/L), Noncancer Endpoint	Reference for Screening Level for Tap Water, Noncancer Endpoint
Acenaphthene	83-32-9	--	--	260	DTSC-SL
Acetaldehyde	75-07-0	2.1	DTSC-SL	19	USEPA RSL
Acetophenone	98-86-2	--	--	580	DTSC-SL
Aldrin	309-00-2	0.00092	USEPA RSL	0.18	DTSC-SL
Anthracene	120-12-7	--	--	1000	DTSC-SL
Aroclor 1016	12674-11-2	0.22	USEPA RSL	0.41	DTSC-SL
Aroclor 1254	11097-69-1	0.0079	USEPA RSL	0.12	DTSC-SL
Aroclor 5460	11126-42-4	--	--	3.5	DTSC-SL
Arsenic	7440-38-2	0.0082	DTSC-SL	0.07	DTSC-SL
Benfluralin	1861-40-1	--	--	17	DTSC-SL
Benzaldehyde	100-52-7	4.3	DTSC-SL	580	DTSC-SL
Benzene	71-43-2	0.15	DTSC-SL	5.7	DTSC-SL
Benzidine	92-87-5	0.000049	DTSC-SL	59	USEPA RSL
Benzo[a]anthracene	56-55-3	0.017	DTSC-SL	--	--
Benzotrichloride	98-07-7	0.0011	DTSC-SL	--	--
Beryllium	7440-41-7	--	--	4	DTSC-SL
Beryllium Sulfate	13510-49-1	--	--	4	DTSC-SL
Biphenyl	92-52-4	1.6	DTSC-SL	0.83	USEPA RSL
bis(2-Chloroethyl) Ether	111-44-4	0.0063	DTSC-SL	--	--
bis-Chloroisopropyl Ether	108-60-1	--	--	230	DTSC-SL
Bromodichloromethane	75-27-4	0.13	USEPA RSL	120	DTSC-SL
Bromoform	75-25-2	3.3	USEPA RSL	120	DTSC-SL
Bromophos	2104-96-3	--	--	19	DTSC-SL
Bromoxynil octanoate	1689-99-2	0.24	USEPA RSL	56	DTSC-SL
Butylate	2008-41-5	--	--	220	DTSC-SL
Carbon tetrachloride	56-23-5	0.45	USEPA RSL	36	DTSC-SL
Carbonyl sulfide	463-58-1	--	--	21	DTSC-SL
Chloral hydrate	302-17-0	--	--	590	DTSC-SL
Chloroacetaldehyde	107-20-0	0.064	DTSC-SL	--	--
Chlorodibromomethane	124-48-1	0.2	DTSC-SL	120	DTSC-SL
Chlorothalonil	1897-45-6	4	DTSC-SL	260	USEPA RSL
cis-1,2-Dichloroethene	156-59-2	--	--	12	DTSC-SL
Cyanogen	460-19-5	--	--	5.9	DTSC-SL
Cyanogen bromide	506-68-3	--	--	530	DTSC-SL
Cyanogen chloride	506-77-4	--	--	290	DTSC-SL
Cyclohexylamine	108-91-8	--	--	1200	DTSC-SL
Dibenz[a,h]anthracene	53-70-3	0.0061	DTSC-SL	--	--

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Tap Water (µg/L), Cancer Endpoint	Reference for Screening Level for Tap Water, Cancer Endpoint	Screening Level for Tap Water (µg/L), Noncancer Endpoint	Reference for Screening Level for Tap Water, Noncancer Endpoint
Dibenzofuran	132-64-9	--	--	4	DTSC-SL
Dibenzothiophene	132-65-0	--	--	37	DTSC-SL
Dieldrin	60-57-1	0.00066	USEPA RSL	0.18	DTSC-SL
Diethylformamide	617-84-5	--	--	5.9	DTSC-SL
diisopropyl Methylphosphonate	1445-75-6	--	--	470	DTSC-SL
Dimethyl terephthalate	120-61-6	--	--	580	DTSC-SL
Endosulfan	115-29-7	--	--	33	DTSC-SL
Epichlorohydrin	106-89-8	0.19	DTSC-SL	2	USEPA RSL
Ethyl Ether	60-29-7	--	--	1200	DTSC-SL
Ethylene diamine	107-15-3	--	--	530	DTSC-SL
Ethylene dibromide	106-93-4	0.0075	USEPA RSL	1.7	DTSC-SL
Ethylene thiourea	96-45-7	0.71	DTSC-SL	1.6	USEPA RSL
Fluorene	86-73-7	--	--	160	DTSC-SL
Formaldehyde	50-00-0	0.39	USEPA RSL	19	DTSC-SL
Furan	110-00-9	--	--	5.8	DTSC-SL
Guanidine	113-00-8	--	--	59	DTSC-SL
HCH (mixed isomers)	608-73-1	0.011	DTSC-SL	--	--
Heptachlor	76-44-8	0.0014	USEPA RSL	0.98	DTSC-SL
Heptachlor Epoxide	1024-57-3	0.0014	USEPA RSL	0.058	DTSC-SL
Hexabromobenzene	87-82-1	--	--	12	DTSC-SL
Hexachlorobenzene	118-74-1	0.0088	DTSC-SL	4.7	DTSC-SL
Hexachlorobutadiene	87-68-3	0.14	USEPA RSL	3.6	DTSC-SL
Hydrogen Chloride	7647-01-0	--	--	19	DTSC-SL
Isobutanol	78-83-1	--	--	1800	DTSC-SL
Isopropalin	33820-53-0	--	--	30	DTSC-SL
Lead acetate	301-04-2	0.28	DTSC-SL	--	--
Lead subacetate	1335-32-6	2.1	DTSC-SL	--	--
Lewisite	541-25-3	--	--	0.029	DTSC-SL
Mercuric Chloride	7487-94-7	--	--	3	DTSC-SL
Mercury	7439-97-6	--	--	0.063	DTSC-SL
Merphos	150-50-5	--	--	0.18	DTSC-SL
Methoxychlor	72-43-5	--	--	20	DTSC-SL
Methyl acetate	79-20-9	--	--	5900	DTSC-SL
Methyl styrene (alpha)	98-83-9	--	--	330	DTSC-SL
Methylcyclohexane	108-87-2	--	--	13000	DTSC-SL
Methylene Chloride	75-09-2	1.7	DTSC-SL	100	DTSC-SL
Mineral oils (I)	8012-95-1	--	--	18000	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Tap Water (µg/L), Cancer Endpoint	Reference for Screening Level for Tap Water, Cancer Endpoint	Screening Level for Tap Water (µg/L), Noncancer Endpoint	Reference for Screening Level for Tap Water, Noncancer Endpoint
Mirex	2385-85-5	0.00088	USEPA RSL	1.2	DTSC-SL
N,N-Dimethylaniline	121-69-7	0.63	DTSC-SL	11	DTSC-SL
Naled	300-76-5	--	--	12	DTSC-SL
Naphthalene	91-20-3	0.12	DTSC-SL	6.1	USEPA RSL
n-Butyl alcohol	71-36-3	--	--	590	DTSC-SL
n-Butylbenzene	104-51-8	--	--	290	DTSC-SL
Nickel	7440-02-0	--	--	220	DTSC-SL
Nickelocene	1271-28-9	0.086	DTSC-SL	220	USEPA RSL
N-Nitroso-di-n-butylamine	924-16-3	0.0014	DTSC-SL	--	--
o-Toluidine	95-53-4	0.42	DTSC-SL	--	--
p,a,a,a-Tetrachlorotoluene	5216-25-1	0.00076	DTSC-SL	0.23	DTSC-SL
p-Chloro-o-toluidine	95-69-2	0.26	DTSC-SL	54	USEPA RSL
Pebulate	1114-71-2	--	--	240	DTSC-SL
Pentabromodiphenyl Ethers	32534-81-9	--	--	12	DTSC-SL
Pentachlorobenzene	608-93-5	--	--	2.1	DTSC-SL
Pentachloroethane	76-01-7	0.18	DTSC-SL	--	--
Pentachloronitrobenzene	82-68-8	0.05	DTSC-SL	13	DTSC-SL
Phenyl Isothiocyanate	103-72-0	--	--	1	DTSC-SL
Phenylmercaptan	108-98-5	--	--	5.6	DTSC-SL
Phosphorus, White	7723-14-0	--	--	0.12	DTSC-SL
Profluralin	26399-36-0	--	--	17	DTSC-SL
Propargyl alcohol	107-19-7	--	--	12	DTSC-SL
Pyrene	129-00-0	--	--	81	DTSC-SL
Pyridine	110-86-1	--	--	5.9	DTSC-SL
Ronnel	299-84-3	--	--	210	DTSC-SL
sec-Butylbenzene	135-98-8	--	--	590	DTSC-SL
S-Ethyl dipropylthiocarbamate	759-94-4	--	--	270	DTSC-SL
Styrene	100-42-5	--	--	1100	DTSC-SL
Terbufos	13071-79-9	--	--	0.11	DTSC-SL
tert-Butylbenzene	98-06-6	--	--	380	DTSC-SL
Tetrachloroethene	127-18-4	0.084	DTSC-SL	41	USEPA RSL
Tetraethyl Lead	78-00-2	--	--	0.00051	DTSC-SL
Thallium acetate	563-68-8	--	--	0.059	DTSC-SL
Thallium carbonate	6533-73-9	--	--	0.12	DTSC-SL
Thiocyanic acid	463-56-9	--	--	1.2	DTSC-SL
Thiophanate-methyl	23564-05-8	6.4	DTSC-SL	530	USEPA RSL
Toluene	108-88-3	--	--	410	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Tap Water (µg/L), Cancer Endpoint	Reference for Screening Level for Tap Water, Cancer Endpoint	Screening Level for Tap Water (µg/L), Noncancer Endpoint	Reference for Screening Level for Tap Water, Noncancer Endpoint
Toluene-2,4-diisocyanate	584-84-9	0.34	DTSC-SL	0.017	USEPA RSL
Toluene-2,6-diisocyanate	91-08-7	0.34	DTSC-SL	0.017	USEPA RSL
Toxaphene	8001-35-2	0.065	DTSC-SL	1.8	USEPA RSL
trans-1,2-Dichloroethene	156-60-5	--	--	110	DTSC-SL
trans-Crotonaldehyde	123-73-9	0.0091	DTSC-SL	5.9	DTSC-SL
Triallate	2303-17-5	0.19	DTSC-SL	110	DTSC-SL
Tributyltin	688-73-3	--	--	1.5	DTSC-SL
Trichlorofluoromethane	75-69-4	--	--	1700	DTSC-SL
Trifluralin	1582-09-8	1.4	DTSC-SL	25	DTSC-SL
Vernam	1929-77-7	--	--	4.8	DTSC-SL
Vinyl chloride	75-01-4	0.0098	DTSC-SL	45	USEPA RSL

Symbols, Abbreviations, and Acronyms:

-- = no value

µg/L = micrograms per liter

DTSC = California Department of Toxic Substances Control

RSL = Regional Screening Level

SL = screening level

USEPA = U.S. Environmental Protection Agency

Table 3: HHRA Note 3, June 2020, DTSC-recommended Screening Levels for Ambient Air Analytes

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Air (µg/m ³), Cancer Endpoint	Reference for Screening Level for Residential Air, Cancer Endpoint	Screening Level for Residential Air (µg/m ³), Noncancer Endpoint	Reference for Screening Level for Residential Air, Noncancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m ³), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Cancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m ³), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Noncancer Endpoint
1,1,1,2-Tetrachloroethane	630-20-6	0.38	USEPA RSL	130	DTSC-SL	1.7	USEPA RSL	530	DTSC-SL
1,1,1-Trichloroethane	71-55-6	--	--	1000	DTSC-SL	--	--	4400	DTSC-SL
1,1,2,2-Tetrachloroethane	79-34-5	0.048	USEPA RSL	83	DTSC-SL	0.21	USEPA RSL	350	DTSC-SL
1,1,2-Trichloropropane	598-77-6	--	--	21	DTSC-SL	--	--	88	DTSC-SL
1,1-Dichloroethane	75-34-3	1.8	USEPA RSL	830	DTSC-SL	7.7	USEPA RSL	3500	DTSC-SL
1,1-Dichloroethene	75-35-4	--	--	73	DTSC-SL	--	--	310	DTSC-SL
1,2,3-Trichlorobenzene	87-61-6	--	--	3.3	DTSC-SL	--	--	14	DTSC-SL
1,2,3-Trichloropropane	96-18-4	0.00014	DTSC-SL	0.31	USEPA RSL	0.0016	DTSC-SL	1.3	USEPA RSL
1,2,4,5-Tetrachlorobenzene	95-94-3	--	--	1.3	DTSC-SL	--	--	5.3	DTSC-SL
1,2,4-Tribromobenzene	615-54-3	--	--	21	DTSC-SL	--	--	88	DTSC-SL
1,2,4-Trichlorobenzene	120-82-1	0.38	DTSC-SL	2.1	USEPA RSL	1.7	DTSC-SL	8.8	USEPA RSL
1,3-Butadiene	106-99-0	0.017	DTSC-SL	2.1	USEPA RSL	0.072	DTSC-SL	8.8	USEPA RSL
1,3-Dibromobenzene	108-36-1	--	--	1.7	DTSC-SL	--	--	7	DTSC-SL
1,3-Dichloropropane	142-28-9	--	--	83	DTSC-SL	--	--	350	DTSC-SL
1,4-Dibromobenzene	106-37-6	--	--	42	DTSC-SL	--	--	180	DTSC-SL
1,4-Dithiane	505-29-3	--	--	42	DTSC-SL	--	--	180	DTSC-SL
1-Bromo-3-fluorobenzene	1073-06-9	--	--	1.3	DTSC-SL	--	--	5.3	DTSC-SL
1-Bromo-4-fluorobenzene	460-00-4	--	--	1.3	DTSC-SL	--	--	5.3	DTSC-SL
1-Chlorobutane	109-69-3	--	--	170	DTSC-SL	--	--	700	DTSC-SL
1-Methylnaphthalene	90-12-0	0.39	DTSC-SL	290	DTSC-SL	1.7	DTSC-SL	1200	DTSC-SL
2,4,4-Trimethylpentene	25167-70-8	--	--	42	DTSC-SL	--	--	180	DTSC-SL
2,4,6-Trichlorophenol	88-06-2	0.14	DTSC-SL	--	--	0.61	DTSC-SL	--	--
2-Chloroethanol	107-07-3	--	--	83	DTSC-SL	--	--	350	DTSC-SL
2-Chloronaphthalene	91-58-7	--	--	330	DTSC-SL	--	--	1400	DTSC-SL
2-Chlorophenol	95-57-8	--	--	21	DTSC-SL	--	--	88	DTSC-SL
2-Chlorotoluene	95-49-8	--	--	83	DTSC-SL	--	--	350	DTSC-SL
2-Methylnaphthalene	91-57-6	--	--	17	DTSC-SL	--	--	70	DTSC-SL
2-Naphthylamine	91-59-8	0.0062	DTSC-SL	--	--	0.027	DTSC-SL	--	--
2-Nitrotoluene	88-72-2	0.051	DTSC-SL	3.8	DTSC-SL	0.22	DTSC-SL	16	DTSC-SL
4,4'-DDE	72-55-9	0.029	USEPA RSL	1.3	DTSC-SL	0.13	USEPA RSL	5.3	DTSC-SL
4-Chlorotoluene	106-43-4	--	--	83	DTSC-SL	--	--	350	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Air (µg/m³), Cancer Endpoint	Reference for Screening Level for Residential Air, Cancer Endpoint	Screening Level for Residential Air (µg/m³), Noncancer Endpoint	Reference for Screening Level for Residential Air, Noncancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m³), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Cancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m³), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Noncancer Endpoint
Acenaphthene	83-32-9	--	--	250	DTSC-SL	--	--	1100	DTSC-SL
Acetaldehyde	75-07-0	1	DTSC-SL	9.4	USEPA RSL	4.5	DTSC-SL	39	USEPA RSL
Acetophenone	98-86-2	--	--	420	DTSC-SL	--	--	1800	DTSC-SL
Aldrin	309-00-2	0.00057	USEPA RSL	0.13	DTSC-SL	0.0025	USEPA RSL	0.53	DTSC-SL
Ammonia	7664-41-7	--	--	210	DTSC-SL	--	--	880	DTSC-SL
Anthracene	120-12-7	--	--	1300	DTSC-SL	--	--	5300	DTSC-SL
Aroclor 1016	12674-11-2	0.14	USEPA RSL	0.29	DTSC-SL	0.61	USEPA RSL	1.2	DTSC-SL
Aroclor 1254	11097-69-1	0.0049	USEPA RSL	0.083	DTSC-SL	0.021	USEPA RSL	0.35	DTSC-SL
Aroclor 5460	11126-42-4	--	--	2.5	DTSC-SL	--	--	11	DTSC-SL
Arsine	7784-42-1	--	--	0.016	DTSC-SL	--	--	0.066	DTSC-SL
Benfluralin	1861-40-1	--	--	21	DTSC-SL	--	--	88	DTSC-SL
Benzaldehyde	100-52-7	2.8	DTSC-SL	420	DTSC-SL	12	DTSC-SL	1800	DTSC-SL
Benzene	71-43-2	0.097	DTSC-SL	3.1	DTSC-SL	0.42	DTSC-SL	13	DTSC-SL
Benzidine	92-87-5	0.0000072	DTSC-SL	--	--	0.000088	DTSC-SL	--	--
Benzo[a]anthracene	56-55-3	0.0092	DTSC-SL	--	--	0.11	DTSC-SL	--	--
Benzo[a]pyrene	50-32-8	0.00092	DTSC-SL	0.0021	USEPA RSL	0.011	DTSC-SL	0.0088	USEPA RSL
Benzo[b]fluoranthene	205-99-2	0.0092	DTSC-SL	--	--	0.11	DTSC-SL	--	--
Benzo[k]fluoranthene	207-08-9	0.0092	DTSC-SL	--	--	0.11	DTSC-SL	--	--
Benzotrichloride	98-07-7	0.00086	DTSC-SL	--	--	0.0038	DTSC-SL	--	--
Beryllium	7440-41-7	0.0012	USEPA RSL	0.0073	DTSC-SL	0.0051	USEPA RSL	0.031	DTSC-SL
Beryllium Sulfate	13510-49-1	0.0012	DTSC-SL	0.0073	DTSC-SL	0.0051	DTSC-SL	0.031	DTSC-SL
Biphenyl	92-52-4	1.4	DTSC-SL	0.42	USEPA RSL	6.1	DTSC-SL	1.8	USEPA RSL
bis(2-Chloroethyl) Ether	111-44-4	0.004	DTSC-SL	--	--	0.017	DTSC-SL	--	--
bis-Chloroisopropyl Ether	108-60-1	--	--	170	DTSC-SL	--	--	700	DTSC-SL
Bromodichloromethane	75-27-4	0.076	USEPA RSL	83	DTSC-SL	0.33	USEPA RSL	350	DTSC-SL
Bromoform	75-25-2	2.6	USEPA RSL	83	DTSC-SL	11	USEPA RSL	350	DTSC-SL
Bromophos	2104-96-3	--	--	21	DTSC-SL	--	--	88	DTSC-SL
Bromoxynil octanoate	1689-99-2	--	--	63	DTSC-SL	--	--	260	DTSC-SL
Butylate	2008-41-5	--	--	210	DTSC-SL	--	--	880	DTSC-SL
Cadmium (water)	7440-43-9 (water)	0.00067	DTSC-SL	0.01	USEPA RSL	0.0029	DTSC-SL	0.044	USEPA RSL
Carbon tetrachloride	56-23-5	0.47	USEPA RSL	42	DTSC-SL	2	USEPA RSL	180	DTSC-SL
Carbonyl sulfide	463-58-1	--	--	10	DTSC-SL	--	--	44	DTSC-SL
Chloral hydrate	302-17-0	--	--	420	DTSC-SL	--	--	1800	DTSC-SL
Chloroacetaldehyde	107-20-0	0.042	DTSC-SL	--	--	0.18	DTSC-SL	--	--

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Air (µg/m ³), Cancer Endpoint	Reference for Screening Level for Residential Air, Cancer Endpoint	Screening Level for Residential Air (µg/m ³), Noncancer Endpoint	Reference for Screening Level for Residential Air, Noncancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m ³), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Cancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m ³), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Noncancer Endpoint
Chlorodibromomethane	124-48-1	0.13	DTSC-SL	83	DTSC-SL	0.58	DTSC-SL	350	DTSC-SL
Chromium (VI)	18540-29-9	0.0000068	DTSC-SL	0.1	USEPA RSL	0.000082	DTSC-SL	0.44	USEPA RSL
Chrysene	218-01-9	0.092	DTSC-SL	--	--	1.1	DTSC-SL	--	--
cis-1,2-Dichloroethene	156-59-2	--	--	8.3	DTSC-SL	--	--	35	DTSC-SL
Cyanogen	460-19-5	--	--	4.2	DTSC-SL	--	--	18	DTSC-SL
Cyanogen bromide	506-68-3	--	--	380	DTSC-SL	--	--	1600	DTSC-SL
Cyanogen chloride	506-77-4	--	--	210	DTSC-SL	--	--	880	DTSC-SL
Cyclohexylamine	108-91-8	--	--	830	DTSC-SL	--	--	3500	DTSC-SL
Dibenz[a,h]anthracene	53-70-3	0.00084	DTSC-SL	--	--	0.01	DTSC-SL	--	--
Dibenzofuran	132-64-9	--	--	4.2	DTSC-SL	--	--	18	DTSC-SL
Dibenzothiophene	132-65-0	--	--	42	DTSC-SL	--	--	180	DTSC-SL
Dieldrin	60-57-1	0.00061	USEPA RSL	0.21	DTSC-SL	0.0027	USEPA RSL	0.88	DTSC-SL
Diethylformamide	617-84-5	--	--	4.2	DTSC-SL	--	--	18	DTSC-SL
diisopropyl Methylphosphonate	1445-75-6	--	--	330	DTSC-SL	--	--	1400	DTSC-SL
Dimethyl terephthalate	120-61-6	--	--	420	DTSC-SL	--	--	1800	DTSC-SL
Endosulfan	115-29-7	--	--	25	DTSC-SL	--	--	110	DTSC-SL
Epichlorohydrin	106-89-8	0.12	DTSC-SL	1	USEPA RSL	0.53	DTSC-SL	4.4	USEPA RSL
Ethyl Ether	60-29-7	--	--	830	DTSC-SL	--	--	3500	DTSC-SL
Ethylene diamine	107-15-3	--	--	380	DTSC-SL	--	--	1600	DTSC-SL
Ethylene dibromide	106-93-4	0.0047	USEPA RSL	0.83	DTSC-SL	0.02	USEPA RSL	3.5	DTSC-SL
Fluorene	86-73-7	--	--	170	DTSC-SL	--	--	700	DTSC-SL
Formaldehyde	50-00-0	0.22	USEPA RSL	9.4	DTSC-SL	0.94	USEPA RSL	39	DTSC-SL
Furan	110-00-9	--	--	4.2	DTSC-SL	--	--	18	DTSC-SL
Guanidine	113-00-8	--	--	42	DTSC-SL	--	--	180	DTSC-SL
HCH (mixed isomers)	608-73-1	0.0026	DTSC-SL	--	--	0.011	DTSC-SL	--	--
Heptachlor	76-44-8	0.0022	USEPA RSL	2.1	DTSC-SL	0.0094	USEPA RSL	8.8	DTSC-SL
Heptachlor Epoxide	1024-57-3	0.0011	USEPA RSL	0.054	DTSC-SL	0.0047	USEPA RSL	0.23	DTSC-SL
Hexabromobenzene	87-82-1	--	--	8.3	DTSC-SL	--	--	35	DTSC-SL
Hexachlorobenzene	118-74-1	0.0055	DTSC-SL	3.3	DTSC-SL	0.024	DTSC-SL	14	DTSC-SL
Hexachlorobutadiene	87-68-3	0.13	USEPA RSL	4.2	DTSC-SL	0.56	USEPA RSL	18	DTSC-SL
Hydrogen Chloride	7647-01-0	--	--	9.4	DTSC-SL	--	--	39	DTSC-SL
Indeno[1,2,3-cd]pyrene	193-39-5	0.0092	DTSC-SL	--	--	0.11	DTSC-SL	--	--
Isobutanol	78-83-1	--	--	1300	DTSC-SL	--	--	5300	DTSC-SL
Isopropalin	33820-53-0	--	--	63	DTSC-SL	--	--	260	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Air (µg/m³), Cancer Endpoint	Reference for Screening Level for Residential Air, Cancer Endpoint	Screening Level for Residential Air (µg/m³), Noncancer Endpoint	Reference for Screening Level for Residential Air, Noncancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m³), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Cancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m³), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Noncancer Endpoint
Lead acetate	301-04-2	0.035	DTSC-SL	--	--	0.15	DTSC-SL	--	--
Lewisite	541-25-3	--	--	0.021	DTSC-SL	--	--	0.088	DTSC-SL
Mercuric Chloride	7487-94-7	--	--	0.031	DTSC-SL	--	--	0.13	DTSC-SL
Mercury	7439-97-6	--	--	0.031	DTSC-SL	--	--	0.13	DTSC-SL
Merphos	150-50-5	--	--	0.13	DTSC-SL	--	--	0.53	DTSC-SL
Methoxychlor	72-43-5	--	--	21	DTSC-SL	--	--	88	DTSC-SL
Methyl acetate	79-20-9	--	--	4200	DTSC-SL	--	--	18000	DTSC-SL
Methyl styrene (alpha)	98-83-9	--	--	290	DTSC-SL	--	--	1200	DTSC-SL
Methylcyclohexane	108-87-2	--	--	6300	DTSC-SL	--	--	26000	DTSC-SL
Methylene Chloride	75-09-2	1	DTSC-SL	420	DTSC-SL	12	DTSC-SL	1800	DTSC-SL
Methylene diphenyl diisocyanate	101-68-8	--	--	0.083	DTSC-SL	--	--	0.35	DTSC-SL
Mineral oils (I)	8012-95-1	--	--	13000	DTSC-SL	--	--	53000	DTSC-SL
Mirex	2385-85-5	0.00055	USEPA RSL	0.83	DTSC-SL	0.0024	USEPA RSL	3.5	DTSC-SL
N,N-Dimethylaniline	121-69-7	0.42	DTSC-SL	8.3	DTSC-SL	1.8	DTSC-SL	35	DTSC-SL
Naled	300-76-5	--	--	8.3	DTSC-SL	--	--	35	DTSC-SL
n-Butyl alcohol	71-36-3	--	--	420	DTSC-SL	--	--	1800	DTSC-SL
n-Butylbenzene	104-51-8	--	--	210	DTSC-SL	--	--	880	DTSC-SL
Nickel	7440-02-0	0.011	USEPA RSL	0.015	DTSC-SL	0.047	USEPA RSL	0.061	DTSC-SL
Nickel refinery dust	E715532	0.011	DTSC-SL	0.015	USEPA RSL	0.047	DTSC-SL	0.061	USEPA RSL
N-Nitroso-di-n-butylamine	924-16-3	0.00091	DTSC-SL	--	--	0.004	DTSC-SL	--	--
p,a,a,a-Tetrachlorotoluene	5216-25-1	0.0007	DTSC-SL	0.25	DTSC-SL	0.0031	DTSC-SL	1.1	DTSC-SL
Pebulate	1114-71-2	--	--	210	DTSC-SL	--	--	880	DTSC-SL
Pentabromodiphenyl Ethers	32534-81-9	--	--	8.3	DTSC-SL	--	--	35	DTSC-SL
Pentachlorobenzene	608-93-5	--	--	3.3	DTSC-SL	--	--	14	DTSC-SL
Pentachloroethane	76-01-7	0.12	DTSC-SL	--	--	0.55	DTSC-SL	--	--
Pentachloronitrobenzene	82-68-8	0.043	DTSC-SL	13	DTSC-SL	0.19	DTSC-SL	53	DTSC-SL
Phenyl Isothiocyanate	103-72-0	--	--	0.83	DTSC-SL	--	--	3.5	DTSC-SL
Phenylmercaptan	108-98-5	--	--	4.2	DTSC-SL	--	--	18	DTSC-SL
Phosphorus, White	7723-14-0	--	--	0.083	DTSC-SL	--	--	0.35	DTSC-SL
Polymeric methylenediphenyl diisocyanate	9016-87-9	--	--	0.083	DTSC-SL	--	--	0.35	DTSC-SL
Profluralin	26399-36-0	--	--	25	DTSC-SL	--	--	110	DTSC-SL
Propargyl alcohol	107-19-7	--	--	8.3	DTSC-SL	--	--	35	DTSC-SL
Pyrene	129-00-0	--	--	130	DTSC-SL	--	--	530	DTSC-SL
Pyridine	110-86-1	--	--	4.2	DTSC-SL	--	--	18	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Air (µg/m ³), Cancer Endpoint	Reference for Screening Level for Residential Air, Cancer Endpoint	Screening Level for Residential Air (µg/m ³), Noncancer Endpoint	Reference for Screening Level for Residential Air, Noncancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m ³), Cancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Cancer Endpoint	Screening Level for Commercial/Industrial Air (µg/m ³), Noncancer Endpoint	Reference for Screening Level for Commercial/Industrial Air, Noncancer Endpoint
Ronnel	299-84-3	--	--	210	DTSC-SL	--	--	880	DTSC-SL
sec-Butylbenzene	135-98-8	--	--	420	DTSC-SL	--	--	1800	DTSC-SL
S-Ethyl dipropylthiocarbamate	759-94-4	--	--	210	DTSC-SL	--	--	880	DTSC-SL
Styrene	100-42-5	--	--	940	DTSC-SL	--	--	3900	DTSC-SL
Terbufos	13071-79-9	--	--	0.1	DTSC-SL	--	--	0.44	DTSC-SL
tert-Butylbenzene	98-06-6	--	--	420	DTSC-SL	--	--	1800	DTSC-SL
Tetrachloroethene	127-18-4	0.46	DTSC-SL	42	USEPA RSL	2	DTSC-SL	180	USEPA RSL
Tetraethyl Lead	78-00-2	--	--	0.00042	DTSC-SL	--	--	0.0018	DTSC-SL
Thiocyanic acid	463-56-9	--	--	0.83	DTSC-SL	--	--	3.5	DTSC-SL
Toluene	108-88-3	--	--	310	DTSC-SL	--	--	1300	DTSC-SL
trans-1,2-Dichloroethene	156-60-5	--	--	83	DTSC-SL	--	--	350	DTSC-SL
trans-Crotonaldehyde	123-73-9	0.0059	DTSC-SL	4.2	DTSC-SL	0.026	DTSC-SL	18	DTSC-SL
Triallate	2303-17-5	0.16	DTSC-SL	100	DTSC-SL	0.68	DTSC-SL	440	DTSC-SL
Tributyltin	688-73-3	--	--	1.3	DTSC-SL	--	--	5.3	DTSC-SL
Trichlorofluoromethane	75-69-4	--	--	1300	DTSC-SL	--	--	5300	DTSC-SL
Trifluralin	1582-09-8	1.5	DTSC-SL	31	DTSC-SL	6.4	DTSC-SL	130	DTSC-SL
Vernolate	1929-77-7	--	--	4.2	DTSC-SL	--	--	18	DTSC-SL
Vinyl chloride	75-01-4	0.0095	DTSC-SL	100	USEPA RSL	0.16	DTSC-SL	440	USEPA RSL

Symbols, Abbreviations, and Acronyms:

-- = no value.

µg/m³ = microgram per cubic meter

DTSC = California Department of Toxic Substances Control

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SL = screening level

USEPA = U.S. Environmental Protection Agency

Table 4: HHRA Note 3, June 2020, Screening Levels for Tap Water that Exceed State or Federal Maximum Contaminant Levels

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Tap Water (µg/L), Cancer Endpoint	Reference for Screening Level for Tap Water, Cancer Endpoint	Screening Level for Tap Water (µg/L), Noncancer Endpoint	Reference for Screening Level for Tap Water, Noncancer Endpoint	California Maximum Contaminant Level (MCL) (µg/L)	USEPA Maximum Contaminant Level (MCL) (µg/L)
1,1,1-Trichloroethane	71-55-6	--	--	2000	DTSC-SL	200	200
1,1,2,2-Tetrachloroethane	79-34-5	0.076	USEPA RSL	110	DTSC-SL	1	--
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	--	--	10000	USEPA RSL	1200	--
1,1-Dichloroethane	75-34-3	2.8	USEPA RSL	1200	DTSC-SL	5	--
1,1-Dichloroethene	75-35-4	--	--	130	DTSC-SL	6	7
1,2,3-Trichloropropane	96-18-4	0.0002	DTSC-SL	0.62	USEPA RSL	0.005	--
1,2-Dibromo-3-chloropropane	96-12-8	0.0003	DTSC-SL	0.37	USEPA RSL	0.2	0.2
1,2-Dichloroethane	107-06-2	0.17	USEPA RSL	13	USEPA RSL	0.5	5
1,2-Dichloropropane	78-87-5	0.85	USEPA RSL	8.2	USEPA RSL	5	5
1,3-Dichloropropene	542-75-6	0.47	USEPA RSL	39	USEPA RSL	0.5	--
1,4-Dichlorobenzene	106-46-7	0.48	USEPA RSL	570	USEPA RSL	5	75
2,4-Dichlorophenoxyacetic acid	94-75-7	--	--	170	USEPA RSL	70	70
Alachlor	15972-60-8	1.1	USEPA RSL	160	USEPA RSL	2	2
Aluminum	7429-90-5	--	--	20000	USEPA RSL	1000	--
Antimony	7440-36-0	--	--	7.8	USEPA RSL	6	6
Atrazine	1912-24-9	0.3	USEPA RSL	630	USEPA RSL	1	3
Barium	7440-39-3	--	--	3800	USEPA RSL	1000	2000
Bentazon	25057-89-0	--	--	570	USEPA RSL	18	--
Benzene	71-43-2	0.15	DTSC-SL	5.7	DTSC-SL	1	5
Benzo[a]pyrene	50-32-8	0.025	USEPA RSL	6	USEPA RSL	0.2	0.2
bis(2-Ethylhexyl) phthalate	117-81-7	5.6	USEPA RSL	400	USEPA RSL	4	6
Bromate	15541-45-4	0.11	USEPA RSL	80	USEPA RSL	10	10
Cadmium (water)	7440-43-9 (water)	--	--	9.2	USEPA RSL	5	5
Carbofuran	1563-66-2	--	--	94	USEPA RSL	18	40
Carbon tetrachloride	56-23-5	0.46	USEPA RSL	36	DTSC-SL	0.5	5

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Tap Water (µg/L), Cancer Endpoint	Reference for Screening Level for Tap Water, Cancer Endpoint	Screening Level for Tap Water (µg/L), Noncancer Endpoint	Reference for Screening Level for Tap Water, Noncancer Endpoint	California Maximum Contaminant Level (MCL) (µg/L)	USEPA Maximum Contaminant Level (MCL) (µg/L)
Chlordane (technical)	12789-03-6	0.021	USEPA RSL	0.77	USEPA RSL	0.1	2
Chlorobenzene	108-90-7	--	--	78	USEPA RSL	70	100
cis-1,2-Dichloroethene	156-59-2	--	--	12	DTSC-SL	6	70
Dalapon	75-99-0	--	--	600	USEPA RSL	200	200
Di(2-ethylhexyl)adipate	103-23-1	65	USEPA RSL	12000	USEPA RSL	400	400
Dichloroacetic acid	79-43-6	1.5	USEPA RSL	79	USEPA RSL	60	60
Dinoseb	88-85-7	--	--	15	USEPA RSL	7	7
Diquat	85-00-7	--	--	44	USEPA RSL	20	20
Endothall	145-73-3	--	--	380	USEPA RSL	100	100
Endrin	72-20-8	--	--	2.3	USEPA RSL	2	2
Ethylbenzene	100-41-4	1.5	USEPA RSL	810	USEPA RSL	300	700
Ethylene dibromide	106-93-4	0.0075	USEPA RSL	1.7	DTSC-SL	0.05	0.05
gamma-HCH	58-89-9	0.052	USEPA RSL	4.5	USEPA RSL	0.2	0.2
Glyphosate	1071-83-6	--	--	2000	USEPA RSL	700	700
Heptachlor	76-44-8	0.0014	USEPA RSL	0.98	DTSC-SL	0.01	0.4
Heptachlor Epoxide	1024-57-3	0.0014	USEPA RSL	0.058	DTSC-SL	0.01	0.2
Hexachlorobenzene	118-74-1	0.0088	DTSC-SL	4.7	DTSC-SL	1	1
Mercuric Chloride	7487-94-7	--	--	3	DTSC-SL	2	2
methyl tert-butyl Ether	1634-04-4	14	USEPA RSL	6300	USEPA RSL	13	--
Methylene Chloride	75-09-2	1.7	DTSC-SL	100	DTSC-SL	5	5
Molinate	2212-67-1	--	--	30	USEPA RSL	20	--
Nickel	7440-02-0	--	--	220	DTSC-SL	100	--
Nitrate	14797-55-8	--	--	32000	USEPA RSL	45000	10000
Nitrite	14797-65-0	--	--	2000	USEPA RSL	1000	1000
Oxamyl	23135-22-0	--	--	500	USEPA RSL	50	200
Pentachlorophenol	87-86-5	0.041	USEPA RSL	23	USEPA RSL	1	1
Perchlorate Ion	14797-73-0	--	--	14	USEPA RSL	6	15
Picloram	1918-02-1	--	--	1400	USEPA RSL	500	500

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Tap Water (µg/L), Cancer Endpoint	Reference for Screening Level for Tap Water, Cancer Endpoint	Screening Level for Tap Water (µg/L), Noncancer Endpoint	Reference for Screening Level for Tap Water, Noncancer Endpoint	California Maximum Contaminant Level (MCL) (µg/L)	USEPA Maximum Contaminant Level (MCL) (µg/L)
Selenium	7782-49-2	--	--	100	USEPA RSL	50	50
Silvex	93-72-1	--	--	110	USEPA RSL	50	50
Simazine	122-34-9	0.61	USEPA RSL	94	USEPA RSL	4	4
Styrene	100-42-5	--	--	1100	DTSC-SL	100	100
Tetrachloroethene	127-18-4	0.084	DTSC-SL	41	USEPA RSL	5	5
Thiobencarb	28249-77-6	--	--	160	USEPA RSL	70	--
Toluene	108-88-3	--	--	410	DTSC-SL	150	1000
trans-1,2-Dichloroethene	156-60-5	--	--	110	DTSC-SL	10	100
Trichloroacetic acid	76-03-9	1.1	USEPA RSL	390	USEPA RSL	60	60
Trichlorofluoromethane	75-69-4	--	--	1700	DTSC-SL	150	--
Vinyl chloride	75-01-4	0.0098	DTSC-SL	45	USEPA RSL	0.5	2

Symbols, Abbreviations, and Acronyms:

-- = no value.

µg/L = micrograms per liter

CAS# = Chemical Abstracts Service Registry Number

DTSC = California Department of Toxic Substances Control

MCL = Maximum Contaminant Level

RSL = Regional Screening Level

SL = screening level

USEPA = U.S. Environmental Protection Agency

Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs								
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ¹	k e y	RFD _o (mg/kg-day)	k e y	RfC (mg/m ³) ¹	k e y	v o l	mutagen	GIABS	ABS _o	C _{cat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k e y	Industrial Soil (mg/kg)	k e y	Resident Air (ug/m ³)	k e y	Industrial Air (ug/m ³)	k e y	Tapwater (ug/L)	k e y	MCL (ug/L)	Risk-based SSL (mg/kg)	k e y	MCL-based SSL (mg/kg)
2.2E-06	I			3.0E-04	O	9.0E-03	I	V		1	0.1	1.1E+05	Acephate	30560-19-1	1.9E+01	n	2.5E+02	n	1.3E+00	c**	5.6E+00	c**	6.0E+00	n		1.3E-03	n	
				2.0E-02	I					1	0.1		Acetaldehyde	75-07-0	1.1E+01	c**	4.9E+01	c**					2.6E+00	c**		5.2E-04	c**	
				9.0E-01	I			V		1		1.1E+05	Acetochlor	34256-82-1	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.8E-01	n	
						2.0E-03	X			1	0.1	1.3E+05	Acetone	67-64-1	7.0E+04	n	1.1E+06	nms					1.8E+04	n		3.7E+00	n	
								V		1		2.5E+03	Acetone Cyanohydrin	75-86-5	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n				2.6E-02	n	
						6.0E-02	I	V		1		1.3E+05	Acetonitrile	75-05-8	8.1E+02	n	3.4E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	n	
3.8E+00	C	1.3E-03	C	1.0E-01	I			V		1		2.3E+04	Acetophenone	98-86-2	7.8E+03	ns	1.2E+05	nms					1.9E+03	n		5.8E-01	n	
				5.0E-04	I	2.0E-05	I	V		1	0.1	1.1E+05	Acetylaminofluorene, 2-Acrolein	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	9.4E-03	c	1.6E-02	c		7.5E-05	c	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	V	M	1		0.1	1.1E+05	Acrylamide	79-06-1	2.4E-01	c	4.6E+00	c	1.0E-02	c	1.2E-01	c	5.0E-02	c		1.1E-05	c
5.4E-01	I	6.8E-05	I	5.0E-01	I	2.0E-04	P	V		1		1.1E+05	Acrylic Acid	79-10-7	2.0E+01	n	8.3E+01	n	2.1E-01	n	8.8E-01	n	4.2E-01	n		8.5E-05	n	
				1.0E-02	A	2.0E-03	I	V		1		1.1E+04	Acrylonitrile	107-13-1	2.5E-01	c*	1.1E+00	c*	4.1E-02	c*	1.8E-01	c*	5.2E-02	c*		1.1E-05	c*	
						6.0E-03	P			1	0.1		Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n				2.0E+00	8.7E-04	c
5.6E-02	C			1.0E-02	I					1	0.1		Alachlor	15972-60-9	9.7E+00	cm	4.1E+01	c					1.1E+00	c		3.0E+00	4.9E-03	n
				1.0E-03	I					1	0.1		Aldicarb	116-06-3	6.3E+01	n	8.2E+02	n					2.0E+01	n		2.0E+00	4.4E-03	n
				1.0E-03	I					1	0.1		Aldicarb Sulfone	1646-88-4	6.3E+01	n	8.2E+02	n					2.0E+01	n		2.0E+00	4.4E-03	n
1.7E+01	I	4.9E-03	I	3.0E-05	I			V		1		1.1E+05	Aldicarb sulfoxide	1646-87-3	3.9E-02	c*	1.8E-01	c	5.7E-04	c	2.5E-03	c	9.2E-04	c		1.5E-04	c	
				4.0E-03	P	1.0E-04	X	V		1		1.4E+03	Aldrin	309-00-2	3.5E+00	n	1.5E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n	
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P			1		1.4E+03	Allyl Alcohol	107-18-6	7.2E-01	c**	3.2E+00	c**	4.7E-01	c**	2.0E+00	c**	7.3E-01	c**		2.3E-04	c**	
				4.0E-04	I					1			Allyl Chloride	107-05-1	7.7E+04	n	1.1E+06	nm	5.2E+00	n	2.2E+01	n	2.0E+04	n		3.0E+04	n	
2.1E+01	C	6.0E-03	C	9.0E-03	I					1	0.1		Aluminum	7429-90-5	7.7E+04	n	1.1E+06	nm					8.0E+00	n		1.6E-01	n	
										1	0.1		Aluminum Phosphide	20859-73-9	3.1E+01	n	4.7E+02	n					8.0E+00	n		1.5E-02	n	
										1			Ametryn	634-12-8	5.7E+02	n	7.4E+03	n					1.5E+02	n		1.5E-05	c	
										1			Aminobiphenyl, 4-	92-67-1	2.6E-02	c	1.1E-01	c	4.7E-04	c	2.0E-03	c	3.0E-03	c		1.6E-01	n	
				8.0E-02	P					1	0.1		Aminophenol, m-	591-27-5	5.1E+03	n	6.6E+04	n					1.6E+03	n		6.1E-01	n	
				4.0E-03	X					1	0.1		Aminophenol, o-	95-55-6	2.5E+02	n	3.3E+03	n					7.9E+01	n		3.0E-02	n	
				2.0E-02	P					1	0.1		Aminophenol, p-	123-30-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.5E-01	n	
				2.5E-03	I					1	0.1		Amitraz	33089-61-1	1.6E+02	n	2.1E+03	n					8.2E+00	n		4.2E+00	n	
						5.0E-01	I	V		1		1.4E+04	Ammonia	7664-41-7	5.2E+02	n			5.2E+02	n	2.2E+03	n	4.0E+01	n		1.9E-01	n	
				2.0E-03	X					1	0.1		Ammonium Picrate	131-74-8	1.3E-02	n	1.6E+03	n					4.0E+01	n		1.9E-01	n	
				2.0E-01	I					1		1.4E+04	Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.3E+05	nm					4.0E+03	n		1.3E-03	n	
5.7E-03	I	1.6E-06	C	7.0E-03	P	3.0E-03	X	V		1	0.1	1.4E+04	Ammonium Sulfate	7773-06-0	1.6E+04	n	2.3E+05	nm					4.0E+03	n		1.3E-03	n	
4.0E-02	P			2.0E-03	X					1	0.1		Aniline	75-85-4	8.2E+01	n	3.4E+02	n	3.1E+00	n	1.3E+01	n	6.3E+00	n		4.6E-03	c*	
				4.0E-04	I	3.0E-04	A		0.15				Anthraquinone, 9,10-	84-65-1	9.5E+01	c**	4.0E+02	c*	1.0E+00	n	4.4E+00	n	1.3E+01	c*		1.4E-02	c*	
				5.0E-04	H				0.15				Antimony (metallic)	7440-36-0	3.1E+01	n	4.7E+02	n	3.1E-01	n	1.3E+00	n	7.8E+00	n		3.5E-01	n	
				4.0E-04	H				0.15				Antimony Pentoxide	1314-60-9	3.9E+01	n	5.8E+02	n					9.7E+00	n		6.0E+00	2.7E-01	
						2.0E-04	I		0.15				Antimony Tetroxide	1332-81-6	3.1E+01	n	4.7E+02	n					7.8E+00	n		1.0E+01	1.5E-03	c
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03		Antimony Trioxide	1309-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n				1.0E+01	1.5E-03	c
				3.5E-06	C	5.0E-05	I			1			Arsenic, inorganic	7440-38-2	6.8E-01	c*R	3.0E+00	cR	6.5E-04	c*	2.9E-03	c*	5.2E-02	c*		1.0E+01	1.5E-03	c
										1			Arsine	7784-42-1	2.7E-01	n	4.1E+00	n	5.2E-02	n	2.2E-01	n	7.0E-02	n		7.0E+06(G)		
				3.6E-02	O					1	0.1		Asbestos (units in fibers)	1332-21-4	2.3E+03	n	3.0E+04	n					7.2E+02	n		1.8E-01	n	
2.3E-01	C			3.0E-03	A					1	0.1		Asulam	3337-71-1	2.4E+00	c*	1.0E+01	c					3.0E-01	c		3.0E+00	2.0E-04	c
8.8E-01	C	2.5E-04	C	4.0E-04	I					1	0.1		Atrazine	1912-24-9	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	7.8E-02	c		7.1E-04	c	
				3.0E-03	A	1.0E-02	A			1	0.1		Auramine	492-80-8	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.4E-01	n	
1.1E-01	I	3.1E-05	I	1.0E+00	P	7.0E-06	H			1	0.1		Avermectin B1	65195-55-3	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.4E-01	n	
								V		1			Azinphos-methyl	86-50-0	1.9E+02	n	2.5E+03	n	1.0E+01	n	4.4E+01	n	5.6E+01	n		1.7E-02	n	
				1.0E+00	P	7.0E-06	P			1	0.1		Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	1.2E-01	c		9.3E-04	c	
				2.0E-01	I	5.0E-04	H		0.07				Azodicarbonamide	123-77-3	8.6E+03	n	4.0E+04	n	7.3E-03	n	3.1E-02	n	2.0E+04	n		6.8E+00	n	
				5.0E-03	O					1			Barium	7440-39-3	1.5E+04	n	2.2E+05	nm	5.2E-01	n	2.2E+00	n	3.8E+03	n		2.0E+03	1.6E+02	n
				5.0E-02	I					1	0.1		Benfluralin	1861-40-1	3.9E+02	n	5.8E+03	n					2.8E+01	n		9.4E-01	n	
				5.0E-02	I					1	0.1		Benomyl	17804-35-2	3.2E+03	n	4.1E+04	n					9.7E+02	n		8.5E-01	n	
4.0E-03	P			2.0E-01	I					1	0.1		Bensulfuron-methyl	83055-99-6	1.3E+04	n	1.6E+05	nm					3.9E+03	n		1.0E+00	n	
				3.0E-02	I																							

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information														Contaminant										Screening Levels										Protection of Ground Water SSLs			
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ¹	k e y	RfD _d (mg/kg-day)	k e y	RfC _d (mg/m ³)	k e y	V o l	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	1	Analyte	CAS No.	Resident Soil (mg/kg)	k e y	Industrial Soil (mg/kg)	k e y	Resident Air (ug/m ³)	k e y	Industrial Air (ug/m ³)	k e y	Tapwater (ug/L)	k e y	MCL (ug/L)	Risk-based SSL (mg/kg)	k e y	MCL-based SSL (mg/kg)								
				3.0E-04	X			V				9.0E+02	1	Bromo-3-fluorobenzene, 1-	1073-06-9	2.3E+01	n	3.5E+02	n						4.9E+00		6.0E+01(G)	4.7E-03	n								
				3.0E-04	X			V			0.1	3.2E+02	1	Bromo-4-fluorobenzene, 1-	460-00-4	2.3E+01	n	3.5E+02	ns						4.6E+00		6.0E+01(G)	4.4E-03	n								
				8.0E-03	I	6.0E-02	I	V				6.8E+02	1	Bromoacetic acid	79-08-3	2.9E+02	n	1.8E+03	ns	6.3E+01	n	2.6E+02	n	6.2E+01	n	6.0E+01(G)	4.2E-02	n	1.2E-02								
6.2E-02		3.7E-05	C	8.0E-03	P	4.0E-02	X	V				4.0E+03	1	Bromochloromethane	74-97-5	1.5E+02	n	6.3E+02	n	4.2E+01	n	1.8E+02	n	8.3E+01	n	8.0E+01(G)	2.1E-02	n									
7.9E-03		1.1E-06	I	2.0E-02	I			V				9.3E+02	1	Bromodichloromethane	75-27-4	2.9E-01	c	1.3E+00	c	7.6E-02	c	3.3E-01	c	1.3E-01	c	8.0E+01(G)	3.6E-05	c	2.2E-02								
				1.4E-03	I	5.0E-03	I	V				9.2E+02	1	Bromofom	75-25-2	1.9E+01	c*	8.6E+01	c	2.6E+00	c	1.1E+01	c	3.3E+00	c	8.0E+01(G)	8.7E-04	c	2.1E-02								
				1.4E-03	I			V				3.6E+03	1	Bromomethane	74-83-9	6.8E+00	n	3.0E+01	n	5.2E+00	n	2.2E+01	n	7.5E+00	n		1.9E-03	n									
				5.0E-03	H			V				9.7E+02	1	Bromophos	2104-96-3	3.9E+02	n	5.8E+03	n						3.5E+01	n		1.5E-01	n								
				1.0E-01	O	1.5E-02	O				0.1	1.0E-01	A	Bromopropane, 1-	106-94-5	2.2E+02	n	9.4E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		6.4E-02	n									
1.0E-01				1.5E-02	O			V				1.5E-02	O	Bromoxynil	1689-84-5	5.3E+00	c	2.2E+01	c						6.1E-01	c		5.2E-04	c								
6.0E-01	C	3.0E-05	I	2.0E-03	I			V				6.7E+02	1	Bromoxynil Octanoate	1689-99-2	6.7E+00	c	3.2E+01	c						2.4E-01	c		2.1E-03	c								
				1.0E-01	I			V				7.6E+03	1	Butadiene, 1,3-	106-99-0	7.6E-02	c*	3.3E-01	c*	9.4E-02	c*	4.1E-01	c*	7.1E-02	c*		3.9E-05	c*									
5.0E-04				4.0E-01	I	5.0E+00	I	V				2.1E+04	1	Butanol, N-	71-36-3	7.8E+03	ns	1.2E+05	nms									4.1E-01	c*								
				2.0E+00	P	3.0E+01	P	V				2.1E+04	1	Butyl Alcohol, t-	75-85-0	1.4E+03	c*	6.5E+03	c*	5.2E+03	n	2.2E+04	n	1.5E+02	n		3.2E-02	c*									
				5.0E-02	I			V				1.3E+05	1	Butyl alcohol, sec-	78-92-2	1.3E+05	nms	1.5E+06	nms	3.1E+04	n	1.3E+05	n	2.4E+04	n		5.0E+00	n									
2.0E-04	C	5.7E-08	C					V			0.1	2.0E-04	C	Butylate	2008-41-5	3.9E+03	n	5.8E+04	n						4.6E+02	n		4.5E-01	n								
3.6E-03	P			3.0E-01	P			V			0.1	3.0E-01	P	Butylated hydroxyanisole	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c		2.9E-01	c									
				3.0E-02	P			V				1.1E+02	1	Butylated hydroxytoluene	128-37-0	1.5E+02	c	6.4E+02	c						3.4E+00	n		1.0E-01	c								
				5.0E-02	P			V				1.1E+02	1	Butylbenzene, n-	104-61-8	3.9E+03	ns	5.8E+04	ns							1.0E+03	n		3.2E+00	n							
				1.0E-01	X			V				1.5E+02	1	Butylbenzene, sec-	93-98-8	7.8E+03	ns	1.2E+05	nms							2.0E+03	n		5.9E+00	n							
				1.0E-01	X			V				1.8E+02	1	Butylbenzene, tert-	98-06-6	7.8E+03	ns	1.2E+05	nms							6.9E+02	n		1.6E+00	n							
				1.8E-03	I	1.0E-04	A	1.0E-05	A	0.025	0.001	7.4E+00	1	Caodylic Acid	75-60-5	1.3E+03	n	1.6E+04	n							4.0E+02	n		1.1E-01	n							
				1.8E-03	I	1.0E-04	A	1.0E-05	A	0.05	0.001	7.4E+00	1	Cadmium (Diet)	7440-43-9	7.1E+00	n	1.0E+02	n	1.6E-03	c**	6.8E-03	c**	1.8E+00	n		5.0E+00	1.4E-01	n	3.8E-01							
				1.8E-03	I	1.0E-04	A	1.0E-05	A	0.05	0.001	7.4E+00	1	Cadmium (Water)	7440-43-9	7.1E+00	n	1.0E+02	n	1.6E-03	c**	6.8E-03	c**	1.8E+00	n		5.0E+00	1.4E-01	n	3.8E-01							
1.5E-01	C	4.3E-05	C	2.0E-03	I	2.2E-03	C				0.1	1.5E-01	C	Caprolactam	105-60-2	3.1E+04	n	4.0E+05	nm	2.3E+00	n	9.6E+00	n	9.9E+03	n		2.5E+00	n									
2.3E-03	C	6.6E-07	C	1.3E-01	I			V			0.1	1.3E-01	C	Captafol	2425-06-1	3.6E+00	c*	1.5E+01	c	6.5E-02	c	2.9E-01	c	4.0E-01	c*		7.1E-04	c*									
				1.0E-01	I			V				1.0E-01	I	Captan	133-02-2	2.4E+02	c*	1.0E+03	c	4.3E+00	c	1.9E+01	c	3.1E+01	c*		2.2E-02	c*									
				5.0E-03	I			V				63-25-2	1	Carbaryl	63-25-2	6.3E+03	n	8.2E+04	n							1.8E+03	n		1.7E+00	n							
				1.0E-01	I			V				7.4E+02	1	Carboluran	1563-66-2	3.2E+02	n	4.1E+03	n							9.4E+01	n		3.7E-02	n	1.6E-02						
				1.0E-01	I	7.0E-01	I	V				7.4E+02	1	Carbon Disulfide	75-15-0	7.7E+02	ns	3.5E+03	ns	7.3E+02	n	3.1E+03	n	8.1E+02	n		4.0E+01	2.4E-01	n								
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V				4.6E+02	1	Carbon Tetrachloride	56-23-5	6.5E-01	c	2.9E+00	c	4.7E-01	c	2.0E+00	c	4.6E-01	c		5.0E+00	1.8E-04	c	1.9E-03							
				1.0E-02	I			V			0.1	5.9E+03	1	Carbonyl Sulfide	463-59-1	6.7E+01	n	2.8E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		5.1E-01	n									
				1.0E-01	I			V			0.1	5.2E+02	1	Carbosulfan	55285-14-8	6.3E+02	n	8.2E+03	n							5.1E+01	n		1.2E+00	n							
				9.0E-04	I			V				5.2E+02	1	Carboxin	5234-68-4	6.3E+03	n	8.2E+04	n							1.9E+03	n		1.0E+00	n							
				1.0E-01	I			V				1306-38-3	1	Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n				4.0E-01	n									
				1.5E-02	I			V			0.1	302-17-0	1	Chloral Hydrate	302-17-0	4.9E+03	n	1.2E+05	nm							2.0E+03	n		4.0E-01	n							
				1.0E-01	H			V			0.1	1.5E-02	I	Chloramben	133-90-4	9.5E+02	n	1.2E+04	n							2.9E+02	n		7.0E-02	n							
4.0E-01	H			5.0E-04	G			V			0.04	5.0E-04	G	Chloramines, Organic	E701235	1.3E+00	c	5.7E+00	c						1.8E-01	c		1.5E-04	c								
				5.0E-04	G			V			0.04	5.0E-04	G	Chloranil	118-75-2	1.3E+00	c	5.7E+00	c							1.8E-01	c		1.5E-04	c							
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V			0.04	5.0E-04	I	Chlordane (alpha)	5103-71-9	3.6E+01	n	5.0E+02	n							3.6E+00	n		4.9E-01	n							
				5.0E-04	I	7.0E-04	I	V			0.04	5.0E-04	I	Chlordane (gamma)	5103-74-2	3.6E+01	n	5.0E+02	n							3.6E+00	n		4.9E-01	n							
1.0E+01	I	4.6E-03	C	3.0E-04	I			V			0.1	3.0E-04	I	Chlordane (technical mixture)	12789-03-6	1.7E+00	c*	7.7E+00	c*	2.8E-02	c*	1.2E-01	c*	2.0E-02	c*		2.0E+00	2.7E-03	c*	2.7E-01							
				7.0E-04	A			V			0.1	143-50-0	1	Chlordecone (Kepone)	143-50-0	5.4E-02	c	2.3E-01	c	6.1E-04	c	2.7E-03	c	3.5E-03	c		1.2E-04	c									
				9.0E-02	O			V			0.1	470-90-6	1	Chlorfeniphos	470-90-6	4.4E+01	n	5.7E+02	n							1.1E+01	n		3.1E-02	n							
				1.0E-01	I	1.5E-04	A	V				9.082-32-4	1	Chlorimuron, Ethyl-	9.082-32-4	5.7E+03	n	7.4E+04	n								1.8E+03	n		6.0E-01	n						
				1.0E-01	I	1.5E-04	A	V				2.8E+03	1	Chlorine	7782-50-5	1.8E-01	n	7.8E-01	n	1.5E-01	n	6.4E-01	n														

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information												Contaminant										Screening Levels								Protection of Ground Water SSLs	
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ¹	k e y	RFD _a (mg/kg-day)	k e y	RFCD (mg/m ³) ¹	k e y	o	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k e y	Industrial Soil (mg/kg)	k e y	Resident Air (ug/m ³)	k e y	Industrial Air (ug/m ³)	Tapwater (ug/L)	k e y	MCL (ug/L)	Risk-based SSL (mg/kg)	k e y	MCL-based SSL (mg/kg)				
1.0E-03	A			1.0E-03	A					1	0.1		Chlorpyrifos	2921-88-2	6.3E+01	n	8.2E+02	n				8.4E+00	n		1.2E-01	n					
1.0E-02	H			1.0E-02	H					1	0.1		Chlorpyrifos Methyl	5598-13-0	6.3E+02	n	8.2E+03	n				1.2E+02	n		5.4E-01	n					
5.0E-02	O			5.0E-02	O					1	0.1		Chlorosulfuron	64902-72-3	3.2E+03	n	4.1E+04	n				9.9E+02	n		8.3E-01	n					
1.0E-02	I			1.0E-02	I					1	0.1		Chlorthal-dimethyl	1861-32-1	6.3E+02	n	8.2E+03	n				1.2E+02	n		1.5E-01	n					
8.0E-04	H			8.0E-04	H					1	0.1		Chlorthiophos	60238-56-4	5.1E+01	n	6.6E+02	n				2.8E+00	n		7.3E-02	n					
5.0E-01	C	8.4E-02	G	1.5E+00	I	1.0E-04	I		M	0.013			Chromium(III), Insoluble Salts	16065-83-1	1.2E+05	nm	1.8E+06	nm				2.2E+04	n		4.0E+07	n					
				3.0E-03	I					0.025			Chromium(VI)	18540-29-9	3.0E-01	c	6.3E+00	c	1.2E-05	c	1.5E-04	c	3.5E-02	c	6.7E-04	c	1.8E+05				
										0.013			Chromium, Total	7440-47-3									1.0E+02								
				1.3E-02	I					1	0.1		Clofentazine	74115-24-5	8.2E+02	n	1.1E+04	n				2.3E+02	n		1.4E+01	n					
9.0E-03	P			3.0E-04	P	6.0E-06	P			1			Cobalt	7440-48-4	2.3E+01	n	3.5E+02	n	3.1E-04	c*	1.4E-03	c*	6.0E+00	n	2.7E-01	n					
6.2E-04	I								V				Coke Oven Emissions	E649830				1.6E-03	c	2.0E-02	c										
4.0E-02	H			4.0E-02	H					1			Copper	7440-50-8	3.1E+03	n	4.7E+04	n				8.0E+02	n	1.3E+03	2.8E+01	n	4.6E+01				
5.0E-02	I	6.0E-01	C	5.0E-02	I	6.0E-01	C			1	0.1		Cresol, m-	108-39-4	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n	7.4E-01	n					
5.0E-02	I	6.0E-01	C	5.0E-02	I	6.0E-01	C			1	0.1		Cresol, o-	95-48-7	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n	7.5E-01	n					
2.0E-02	P	6.0E-01	C	2.0E-02	P	6.0E-01	C			1	0.1		Cresol, p-	106-44-5	1.3E+03	n	1.6E+04	n	6.3E+02	n	2.6E+03	n	3.7E+02	n	3.0E-01	n					
1.0E-01	A			1.0E-01	A					1	0.1		Cresol, p-chloro-m-	59-50-7	6.3E+03	n	8.2E+04	n				1.4E+03	n		1.7E+00	n					
1.0E-01	A	6.0E-01	C	1.0E-01	A	6.0E-01	C			1	0.1		Cresols	1319-77-3	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.5E+03	n	1.3E+00	n					
1.9E+00	H			1.0E-03	P				V	1		1.7E+04	Crotonaldehyde, trans-	1273-73-9	3.7E-01	c	1.7E+00	c				4.0E-02	c		8.2E-06	c					
2.2E-01	C	6.3E-05	C	1.0E-01	I	4.0E-01	I		V	1		2.7E+02	Cumene	98-82-8	1.9E+03	ns	9.9E+03	ns	4.2E+02	n	1.8E+03	n	4.5E+02	n	7.4E-01	n					
8.4E-01	H			2.0E-03	H					1	0.1		Cupferron	135-20-6	2.5E+00	c	2.5E+00	c	4.5E-02	c	1.9E-01	c	3.5E-01	c	6.1E-04	c					
				2.0E-03	H					1	0.1		Cyanazine	21725-46-2	6.5E-01	c	2.7E+00	c				8.8E-02	c			4.1E-05	c				
1.0E-03	I			1.0E-03	I					1			-Calcium Cyanide	592-01-8	7.8E+01	n	1.2E+03	n				2.0E+01	n								
5.0E-03	I			5.0E-03	I					1			-Copper Cyanide	544-92-3	3.9E+02	n	5.8E+03	n				1.0E+02	n								
6.0E-04	I	8.0E-04	G	6.0E-04	I	8.0E-04	G		V	1		9.5E+05	-Cyanide (CN-)	57-12-5	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n	2.0E+02	1.5E-02	n	2.0E+00			
1.0E-03	I			1.0E-03	I					1			-Cyanogen	460-19-5	7.8E+01	n	1.2E+03	n				2.0E+01	n								
9.0E-02	I			9.0E-02	I					1			-Cyanogen Bromide	506-68-3	7.0E+03	n	1.1E+05	nm				1.8E+03	n								
5.0E-02	I			5.0E-02	I					1			-Cyanogen Chloride	506-77-4	3.9E+03	n	5.8E+04	n				1.0E+03	n								
6.0E-04	I	8.0E-04	I	6.0E-04	I	8.0E-04	I		V	1		1.0E+07	-Hydrogen Cyanide	74-90-8	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n		1.5E-02	n				
2.0E-03	I			2.0E-03	I					1			-Potassium Cyanide	151-50-8	1.6E-02	n	2.3E+03	n				4.0E+01	n								
5.0E-03	I			5.0E-03	I					0.04			-Potassium Silver Cyanide	506-61-6	3.9E-02	n	5.8E+03	n				8.2E+01	n								
1.0E-01	I			1.0E-01	I					0.04			-Silver Cyanide	506-64-9	7.8E+03	n	1.2E+05	nm				1.8E+03	n								
1.0E-03	I			1.0E-03	I					1			-Sodium Cyanide	143-33-9	7.8E+01	n	1.2E+03	n				2.0E+01	n								
2.0E-04	P			2.0E-04	P					1			-Thiocyanates	E1790664	1.6E+01	n	2.3E+02	n				4.0E+00	n								
2.0E-04	X			2.0E-04	X				V	1			-Thiocyanic Acid	463-56-9	1.6E+01	n	2.3E+02	n				4.0E+00	n								
5.0E-02	I			5.0E-02	I					1			-Zinc Cyanide	557-21-1	3.9E+03	n	5.8E+04	n				1.0E+03	n								
2.0E-02	X			2.0E-02	X					1	0.1	1.2E+02	Cyclohexane	110-82-7	6.5E+03	ns	2.7E+04	ns	6.3E+03	n	2.6E+04	n	1.3E+04	n	1.3E+01	n					
				2.0E-02	X					1	0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.7E+01	c*	1.1E+02	c				2.8E+00	c		1.6E-02	c					
5.0E+00	I	7.0E-01	P	5.0E+00	I	7.0E-01	P		V	1		5.1E+03	Cyclohexanone	108-94-1	2.8E+04	ns	1.3E+05	nms	7.3E+02	n	3.1E+03	n	1.4E+03	n	3.4E-01	n					
2.8E+02	I	1.0E+00	X	2.8E+02	I	1.0E+00	X		V	1		2.9E+05	Cyclohexene	110-83-8	3.1E+02	ns	3.1E+03	ns	1.0E+03	n	4.4E+03	n	7.0E+01	n	4.6E-02	n					
2.0E-01	I			2.0E-01	I					1			Cyclohexylamine	108-91-8	1.6E+04	n	2.3E+05	nm				3.8E+03	n		1.0E+00	n					
2.5E-02	I			2.5E-02	I					1	0.1		Cyfluthrin	68359-37-5	1.6E+03	n	2.1E+04	n				1.2E+02	n		3.1E+01	n					
7.2E-02	O			7.2E-02	O					1	0.1		Cypermethrin	52315-07-8	4.5E+03	n	5.9E+04	n				1.4E+03	n		2.3E+02	n					
5.0E-01	O			5.0E-01	O					1	0.1		Cyromazine	66215-27-8	3.2E+04	n	4.1E+05	nm				9.9E+03	n		2.5E+00	n					
2.4E-01	I	6.9E-05	C	3.0E-05	X					1	0.1		DDD, p,p'- (DDD)	72-54-8	1.9E+00	n	9.6E+00	c**	4.1E-02	c	1.8E-01	c	3.2E-02	c**	7.5E-03	c**					
3.4E-01	I	9.7E-05	C	3.0E-04	X				V	1			DDE, p,p'-	72-55-9	2.0E+00	c*	9.3E+00	c*	2.9E-02	c	1.3E-01	c	4.6E-02	c	1.1E-02	c					
3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03		DDT, p,p'-	50-29-3	1.9E+00	c*	8.5E+00	c*	2.9E-02	c	1.3E-01	c	2.3E-01	c*	7.7E-02	c*					
3.0E-02	I			3.0E-02	I					1	0.1		Dalapon	75-99-0	1.9E+03	n	2.5E+04	n				6.0E+02	n		2.0E+02	1.2E-01	n	4.1E-02			
1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1		Daminozide	1596-84-5	3.0E+01	c	1.3E+02	c	5.5E-01	c	2.4E+00	c	4.3E+00	c	9.5E-04	c					
7.0E-04	I			7.0E-03	I					1	0.1		Decabromodiphenyl ether, 2,2',3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.4E+02	n	3.3E+03	c**				1.1E-02	c**		6.2E+01	c**					
4.0E-05	I			4.0E-05	I					1	0.1		Demeton	8065-48-3	2.5E+00	n	3.3E+01	n				4.2E-01	n								
6.1E-02	H			6.0E-01	I					1	0.1		Di(2-ethylhexyl)adipate	103-23-1	4.5E+02	c*	1.9E+03	c				6.5E+01									

Toxicity and Chemical-specific Information										Contaminant			Screening Levels								Protection of Ground Water SSLs								
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RFD _d (mg/kg-day)	k e y	RfC _d (mg/m ³)	k e y	v o l	mutagen	GIABS	ABS _d	Cat. (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k e y	Industrial Soil (mg/kg)	k e y	Resident Air (ug/m ³)	k e y	Industrial Air (ug/m ³)	k e y	Tapwater (ug/l)	k e y	MCL (ug/l)	Risk-based SSL (mg/kg)	k e y	MCL-based SSL (mg/kg)	
				2.0E-03	I	4.0E-02	X	V		1		2.4E+03	Dichloroethylene, cis-1,2-	156-59-2	1.6E+02	n	2.3E+03	n					3.6E+01	n	7.0E+01	1.1E-02	n	2.1E-02	
				2.0E-02	I	4.0E-02	X	V		1		1.9E+03	Dichloroethylene, trans-1,2-	156-60-5	7.0E+01	n	3.0E+02	n	4.2E+01	n	1.8E+02	n	6.8E+01	n	1.0E+02	2.1E-02	n	3.1E-02	
				3.0E-03	I					1	0.1		Dichlorophenol, 2,4-	120-83-2	1.9E+02	n	2.5E+03	n					4.6E+01	n		2.3E-02	n		
3.7E-02	P	3.7E-06	P	1.0E-02	I						0.05		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.0E+02	n	9.5E+03	n					1.7E+02	n	7.0E+01	4.5E-02	n	1.8E-02	
				4.0E-02	P	4.0E-03	I	V		1		1.4E+03	Dichloropropane, 1,2-	78-87-5	2.5E+00	c**	1.1E+01	c**	7.6E-01	c**	3.3E+00	c**	8.5E-01	c**	5.0E+00	2.8E-04	c**	1.7E-03	
				2.0E-02	P					1		1.5E+03	Dichloropropane, 1,3-	142-28-9	1.6E+03	ns	2.3E+04	ns					3.7E+02	n		1.3E-01	n		
1.0E-01	I	4.0E-06	I	3.0E-03	I	2.0E-02	I	V		1		1.6E+03	Dichloropropanol, 2,3-	616-23-9	1.9E+02	n	2.5E+03	n					5.9E+01	n		1.3E-02	n		
2.9E-01	I	8.3E-05	C	3.0E-02	I	5.0E-04	I			1	0.1		Dichloropropene, 1,3-	542-75-6	1.8E+00	c*	8.2E+00	c*	7.0E-01	c*	3.1E+00	c*	4.7E-01	c*		1.7E-04	c*		
				5.0E-04	I	5.0E-04	I			1		0.1		Dichlorvos	62-73-7	1.9E+00	c*	7.9E+00	c*	3.4E-02	c*	1.5E-01	c*	2.6E-01	c*		8.1E-05	c*	
1.6E+01	I	4.6E-03	I	3.0E-05	O					1	0.1	2.6E+02	Dicrotophos	141-66-2	1.9E+00	n	2.5E+01	n					6.0E-01	n		1.4E-04	n		
				8.0E-02	P	3.0E-04	X	V		1		0.1		Dicyclopentadiene	77-73-6	1.3E+00	n	5.4E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		2.2E-03	n	
				5.0E-05	I					1		0.1		Dieldrin	60-57-1	3.4E-02	c*	1.4E-01	c	6.1E-04	c	2.7E-03	c	1.8E-03	c		7.1E-05	c	
						5.0E-03	I			1	0.1		Diesel Engine Exhaust	E17136615					9.4E-03	c	4.1E-02	c				8.1E-03	n		
				2.0E-03	P	2.0E-04	P			1	0.1		Diethanolamine	111-42-2	1.3E+02	n	1.6E+03	n	2.1E-01	n	8.8E-01	n	4.0E+01	n		1.3E-01	n		
				3.0E-02	P	1.0E-04	P			1	0.1		Diethylene Glycol Monoethyl Ether	112-34-5	1.9E+03	n	2.4E+04	n	1.0E-01	n	4.4E-01	n	6.0E+02	n		1.3E-01	n		
				6.0E-02	C	3.0E-04	P			1	0.1	1.1E+05	Diethylene Glycol Monoethyl Ether	111-90-0	3.8E+03	n	4.8E+04	n	3.1E-01	n	1.3E+00	n	1.2E+03	n		2.4E-01	n		
				1.0E-03	P			V		1		0.1		Diethylformamide	617-84-5	7.8E+01	n	1.2E+03	n					2.0E+01	n		4.1E-03	n	
3.5E+02	C	1.0E-01	C							1		0.1	Diethylstilbestrol	56-53-1	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	5.1E-05	c		2.8E-05	c		
				8.3E-02	O					1	0.1		Difenoquat	43222-48-6	5.2E+03	n	6.8E+04	n					1.7E+03	n		2.6E+02	n		
				2.0E-02	I	4.0E+01	I	V		1	0.1	1.4E+03	Diflubenzuron	35367-38-5	1.3E+03	n	1.6E+04	n			4.2E+04	n	1.8E+05	n	8.3E+04	n	2.9E+02	n	
4.4E-02	C	1.3E-05	C			3.0E+01	X	V		1		6.9E+02	Difluoroethane, 1,1-	75-37-6	4.8E+04	ns	2.0E+05	nms					1.3E+04	n		2.8E+01	n		
						7.0E-01	P	V		1		2.3E+03	Difluoropropane, 2,2-	420-45-1	2.4E+04	ns	1.0E+05	ns	3.1E+04	n	1.3E+05	n	6.3E+04	n		1.4E+02	n		
										1		5.3E+02	Dihydroisofluro	94-58-6	9.9E+00	c	4.5E+01	c	2.2E-01	c	9.4E-01	c	3.0E-01	c		1.9E-04	c		
										1		2.3E+03	Diisopropyl Ether	108-20-3	2.2E+03	c	9.4E+03	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		3.7E-01	n		
				8.0E-02	O					1	0.1		Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	9.3E+04	ns					1.6E+03	n		4.5E-01	n		
				2.2E-02	I					1	0.1		Dimethipin	55290-64-7	1.4E+03	n	1.8E+04	n					4.4E+02	n		9.6E-02	n		
				2.2E-03	O					1	0.1		Dimethoate	60-51-5	1.4E+02	n	1.8E+03	n					4.4E+01	n		9.9E-03	n		
1.6E+00	P			6.0E-02	P					1	0.1	0.1	Dimethoxybenzidine, 3,3'-	119-90-4	3.4E-01	c	1.4E+00	c					4.7E-02	c		5.8E-05	c		
1.7E-03	P									1	0.1	0.1	Dimethyl methylphosphonate	756-79-6	3.2E+02	c*	5.4E+03	c*					4.6E+01	c*		9.6E-03	c*		
4.6E+00	C	1.3E-03	C							1	0.1	0.1	Dimethylamino azobenzene [p-]	60-11-7	1.2E-01	c	1.0E-01	c	2.2E-03	c	9.4E-03	c	5.0E-03	c		2.1E-05	c		
5.8E-01	H			2.0E-03	X					1	0.1	0.1	Dimethylaniline HCl, 2,4-	21438-96-4	9.4E-01	c	4.0E+00	c					1.3E-01	c		1.2E-04	c		
2.0E-01	P			2.0E-03	X					1	0.1	0.1	Dimethylaniline, 2,4-	95-68-1	2.7E+00	c*	1.1E+01	c*					3.7E-01	c		2.1E-04	c		
2.7E-02	P			2.0E-03	I			V		1		8.3E+02	Dimethylaniline, N,N-	121-69-7	2.6E+01	c**	1.2E+02	c*					2.5E+00	c*		9.0E-04	c*		
1.1E+01	P			1.0E-01	X	3.0E-02	I	V		1		1.1E+05	Dimethylbenzidine, 3,3'-	119-93-7	4.9E-02	c	2.1E-01	c	3.1E+01	n	1.3E+02	n	6.1E+01	n		4.3E-05	c		
				1.0E-04	X	2.0E-06	X	V		1		1.7E+05	Dimethylformamide	68-12-2	2.6E+03	n	1.5E+04	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		1.2E-02	n		
5.5E+02	C	1.6E-01	C							1		1.9E+05	Dimethylhydrazine, 1,1-	57-14-7	5.7E-02	n	2.4E-01	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		9.3E-07	n		
				2.0E-02	I					1	0.1	0.1	Dimethylhydrazine, 1,2-	540-73-8	8.8E-04	c	4.1E-03	c	1.8E-05	c	7.7E-05	c	2.8E-05	c		6.5E-09	c		
				6.0E-04	I					1	0.1	0.1	Dimethylphenol, 2,4-	105-67-9	1.3E+04	n	1.6E+04	n					3.6E+02	n		4.2E-01	n		
				1.0E-03	I			V		1		0.1	4.7E+02	Dimethylphenol, 2,6-	576-26-1	3.8E+01	n	4.9E+02	n					1.1E+01	n		1.3E-02	n	
4.5E-02	C	1.3E-05	C							1		0.1	Dimethylphenol, 3,4-	95-65-8	6.3E+01	n	8.2E+02	n					1.8E+01	n		2.1E-02	n		
				8.0E-05	X					1	0.1	0.1	Dimethylvinylchloride	613-37-1	1.1E+00	c	4.8E+00	c	2.2E-01	c	9.4E-01	c	3.3E-01	c		1.1E-04	c		
				2.0E-03	I					1	0.1	0.1	Dinitro- <i>o</i> -cresol, 4,6-	534-52-1	5.1E+00	c	6.6E+01	n					1.5E+00	n		2.6E-03	n		
				4.0E-04	X	2.0E-03	X			1	0.1	0.1	Dinitro- <i>p</i> -cyclohexyl Phenol, 4,6-	131-89-5	1.3E+02	n	1.6E+03	n	2.1E+00	n	8.8E+00	n	7.7E+00	n		7.7E-01	n		
				1.0E-04	P					1	0.1	0.1	Dinitroaniline, 3,5-	618-87-1	2.5E+01	n	3.3E+02	n					3.3E+02	n		4.1E-03	n		
				1.0E-04	I					1	0.1	0.1	Dinitrobenzene, 1,2-	528-29-0	6.3E+00	n	8.2E+01	n					1.9E+00	n		1.8E-03	n		
				1.0E-04	I					1	0.1	0.1	Dinitrobenzene, 1,3-	99-65-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.8E-03	n		
				1.0E-04	P					1	0.1	0.1	Dinitrobenzene, 1,4-	100-25-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.8E-03	n		
				2.0E-03	I					1	0.1	0.1	Dinitrophenol, 2,4-	51-28-5	1.3E+02	n	1.6E+03	n					3.9E+01	n		4.4E-02	n		
6.8E-01	I			2.0E-03	I					1	0.1	0.1	Dinitrotoluene Mixture, 2,4/2,6-	E1615210	8.0E-01	c	3.4E+00	c					1.1E-01	c		1.5E-04	c		
3.1E-01	C	8.9E-05	C	3.0E-04	X					1	0.102	0.102	Dinitrotoluene, 2,																

Toxicity and Chemical-specific Information														Screening Levels										Protection of Ground Water SSLs					
Contaminant														Screening Levels										Protection of Ground Water SSLs					
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³ -d) ¹	k _e y	RFD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³) ¹	k _e y	IUR (ug/m ³ -d) ¹	k _e y	mutagen	GIABS	ABS _d	C _{soil} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k _e y	Industrial Soil (mg/kg)	k _e y	Resident Air (ug/m ³)	k _e y	Industrial Air (ug/m ³)	k _e y	Tapwater (ug/L)	k _e y	MCL (ug/L)	Risk-based SSL (mg/kg)	k _e y	MCL-based SSL (mg/kg)
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V				1	1.1E+04	Epichlorohydrin	106-89-8	1.9E+01	n	8.2E+01	n	1.0E+00	n	4.4E+00	n	2.0E+00	n		4.5E-04	n	
													1.5E+04	Epoxybutane, 1,2-	106-88-7	1.6E+02	n	6.7E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		9.2E-03	n	
				4.0E-02	P							1	0.1	Ethanol, 2-(2-methoxyethoxy)-	111-77-3	2.5E+03	n	3.3E+04	n					8.0E+02	n		1.6E-01	n	
				5.0E-03	I							1	0.1	Ethephon	16672-87-0	3.2E+02	n	4.1E+03	n					1.0E+02	n		2.1E-02	n	
				5.0E-04	I							1	0.1	Ethion	563-12-2	3.2E+01	n	4.1E+02	n					4.3E+00	n		8.5E-03	n	
				1.0E-01	P	6.0E-02	P	V				1		Ethoxyethanol Acetate, 2-	111-15-9	2.6E+03	n	1.4E+04	n	6.3E+01	n	2.6E+02	n	1.2E+02	n		2.5E-02	n	
				9.0E-02	P	4.0E-02	P	V				1	1.1E+05	Ethoxyethanol, 2-	110-80-5	2.6E+03	n	1.5E+04	n	4.2E+01	n	1.8E+02	n	8.0E+01	n		1.6E-02	n	
				7.0E-01	P	7.0E-02	P	V				1	1.1E+04	Ethyl Acetate	141-78-6	6.2E+02	n	2.6E+03	n	7.3E+01	n	3.1E+02	n	1.4E+02	n		3.1E-02	n	
				5.0E-03	P	8.0E-03	P	V				1	2.5E+03	Ethyl Acrylate	140-88-5	4.7E+01	n	2.1E+02	n	8.3E+00	n	3.5E+01	n	1.4E+01	n		3.2E-03	n	
												1	2.1E+03	Ethyl Chloride (Chloroethane)	75-00-3	5.4E+03	ns	2.3E+04	ns	4.2E+03	n	1.8E+04	n	8.3E+03	n		2.4E+00	n	
				2.0E-01	I							1	1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.3E+05	nms					3.9E+03	n		8.8E-01	n	
												1	1.1E+03	Ethyl Methacrylate	97-63-2	1.8E+03	ns	7.6E+03	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n		1.5E-01	n	
				8.0E-08	I	1.0E+00	I	V				1		Ethyl Tertiary Butyl Ether (ETBE)	637-92-3	1.3E+02	c	5.6E+02	c	3.5E+01	c	1.5E+02	c	7.0E+01	c		1.7E-02	c	
				1.0E+05	I							1	0.1	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-01	c	8.2E+00	n					8.9E-02	n		2.8E-03	n	
				5.0E-02	P	1.0E+00	I	V				1		Ethylbenzene	100-41-4	5.8E+00	c	2.5E+01	c	1.1E+00	c	4.9E+00	c	1.5E+00	c		7.0E+02	c	7.8E-01
				7.0E-02	P							1	0.1	Ethylene Cyanohydrin	109-78-4	4.4E+03	n	5.7E+04	n					1.4E+03	n		2.8E-01	n	
				9.0E-02	P							1	1.9E+05	Ethylene Diamine	107-15-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n		4.1E-01	n	
				8.0E-01	A	4.0E-01	C					1	0.1	Ethylene Glycol	107-21-1	5.1E+04	n	6.6E+05	nm	4.2E+02	n	1.8E+03	n	1.6E+04	n		3.2E+00	n	
				1.0E-01	I	1.6E+00	I					1	0.1	Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+03	n	8.2E+04	n	1.7E+03	n	7.0E+03	n	2.0E+03	n		4.1E-01	n	
				3.1E-01	C	3.0E-03	I					1	1.2E+05	Ethylene Oxide	75-21-8	2.0E-03	c	2.5E-02	c	3.4E-04	c	4.1E-03	c	6.7E-04	c		1.4E-07	c	
				4.5E-02	C	1.3E-05	C					1	0.1	Ethylene Thiourea	96-45-7	5.1E+00	n	5.1E+01	c**	2.2E-01	c	9.4E-01	c	1.6E+00	c		3.6E-04	c	
				6.5E+01	C	1.9E-02	C					1	1.5E+05	Ethyleneimine	151-56-4	2.7E-03	c	1.2E-02	c	1.5E-04	c	6.5E-04	c	2.4E-04	c		5.2E-08	c	
				3.0E+00	I							1	0.1	Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+05	nm	2.5E+06	nm					5.8E+04	n		1.3E+02	n	
				2.5E-04	I							1	0.1	Fenamiphos	22224-92-6	1.6E+01	n	2.1E+02	n					4.4E+00	n		4.3E-03	n	
				2.5E-02	I							1	0.1	Fenpropathrin	39515-41-8	1.6E+03	n	2.1E+04	n					6.4E+01	n		2.9E+00	n	
				2.5E-02	I							1	0.1	Fenvalerate	51630-58-1	1.6E+03	n	2.1E+04	n					5.0E+02	n		3.2E+02	n	
				1.3E-02	I							1	0.1	Fluometuron	2164-17-2	8.2E+02	n	1.1E+04	n					2.4E+02	n		1.9E-01	n	
				4.0E-02	C	1.3E-02	C					1		Fluoride	16984-48-8	3.1E+03	n	4.7E+04	n	1.4E+01	n	5.7E+01	n	8.0E+02	n		4.0E+03	c	6.0E+02
				6.0E-02	I	1.3E-02	C					1		Fluorine (Soluble Fluoride)	7782-41-4	4.7E+03	n	7.0E+04	n	1.4E+01	n	5.7E+01	n	1.2E+03	n		4.0E+03	c	6.0E+02
				8.0E-02	I							1	0.1	Fluridone	59756-60-4	5.1E+03	n	6.6E+04	n					1.4E+03	n		1.6E+02	n	
				4.0E-02	O							1	0.1	Flurprimidol	56425-91-3	2.5E+03	n	3.3E+04	n					6.9E+02	n		3.1E+00	n	
				2.0E-03	O							1	0.1	Flusilazole	85509-19-9	1.3E+02	n	1.6E+03	n					3.1E+01	n		5.1E+00	n	
				5.0E-01	O							1	0.1	Flutolanil	66332-96-5	3.2E+04	n	4.1E+05	nm					7.9E+03	n		4.2E+01	n	
				1.0E-02	I							1	0.1	Fluralinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.9E+02	n	
				9.0E-02	O							1	0.1	Folpet	133-07-3	5.7E+03	n	7.4E+04	n					1.6E+03	n		3.9E-01	n	
				1.0E-02	O							1	0.1	Fomesafen	72178-02-0	6.3E+02	n	8.2E+03	n					1.9E+02	n		6.3E-01	n	
				2.0E-03	I							1	0.1	Fonofos	944-22-9	1.3E+02	n	1.6E+03	n					2.4E+01	n		4.7E-02	n	
				2.1E-02	C	1.3E-05	I					1	4.2E+04	Formaldehyde	50-00-0	1.1E+01	c*	5.0E+01	c*	2.2E-01	c*	9.4E-01	c*	3.9E-01	c*		7.8E-05	c*	
				9.0E-01	P	3.0E-04	X	V				1	1.1E+05	Formic Acid	64-18-6	2.9E+01	n	1.2E+02	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n	
				2.5E+00	O							1	0.1	Fosetyl-AL	39148-24-8	1.6E+05	nm	2.1E+06	nm					5.0E+04	n		6.6E+02	n	
				1.0E-03	X							1		Furans	132-64-9	7.8E+01	n	1.2E+03	n					7.9E+00	n		1.5E-01	n	
				1.0E-03	I							1	6.2E+03	-Furan	110-00-9	7.8E+01	n	1.2E+03	n					1.9E+01	n		7.3E-03	n	
				9.0E-01	H	2.0E+00	I	V				1	1.7E+05	-Tetrahydrofuran	109-99-9	1.8E+04	n	9.5E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n		7.5E-01	n	
												1	0.1	Furazolidone	67-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c		3.9E-05	c	
				3.0E-03	I	5.0E-02	H	V				1	1.0E+04	Furfural	98-01-1	2.1E+02	n	2.6E+03	n	5.2E+01	n	2.2E+02	n	3.8E+01	n		8.1E-03	n	
				1.5E+00	C	4.3E-04	C					1	0.1	Furium	531-82-8	3.6E-01	c	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.1E-02	c		6.8E-05	c	
				3.0E-02	I	8.6E-06	C					1	0.1	Furmecyclox	60568-05-0	1.8E+01	c	7.7E+01	c	3.3E-01	c	1.4E+00	c	1.1E+00	c		1.2E-03	c	
												1	0.1	Glufosinate, Ammonium	77182-82-2	3.8E+02	n	4.9E+03	n					1.2E+02	n		2.6E-02	n	
				6.0E-03	O							1	0.1	Glutaraldehyde	111-30-8	6.0E+03	n	7.0E+04	n	8.3E-02	n	3.5E-01	n	2.0E+03	n		4.0E-01	n	
				1.0E-01	A	8.0E-05	C					1	0.1	Glycidaldehyde	765-34-4	2.3E+01	n	2.1E+02	n	1.0E+00	n	4.4E+00	n	1.7E+00	n		3.3E-04	n	
				4.0E-04	I	1.0E-03	X	V				1	1.1E+05	Glyphosate	1071-83-6	6.3E+03	n	8.2E+04	n					2.0E+03	n		7.0E+02	c	3.1E+00
				1.0E-02	X							1		Guanidine	113-00-8	7.8E+02	n	1.2E+04	n					2.0E+02	n		4.5E-02	n	
				2.0E-02	P							1	0.1	Guanidine Chloride	50-01-1	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.5E-01	n	
				3.0E-02	X							1	0.1	Guanidine Nitrate	506-93-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		1.5E-01	n	
				5.0E-05	I							1	0.1	Haloxyfop, Methyl	69806-40-2	3.2E+00	n	4.1E+01	n					7.6E-01	n		8.4E-03	n	
				9.1E+00	I	1.3E-03	I					1		Heptachlor	76-44-8	1.3E-01	c*	6.3E-01	c*	2.2E-03	c	9.4E-03	c	1.4E-03	c		4.0E-01	c	3.3E-02
												1		Heptachlor Epoxide	1024-57-3	7.0E-02	c*	3.3E-01	c*	1.1E-03	c	4.7E-03	c	1.4E-03	c*		2.0		

Toxicity and Chemical-specific Information															Contaminant	Screening Levels								Protection of Ground Water SSSLs							
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD _a (mg/kg-day)	k e y	RfC _d (mg/m ³)	k e y	v o l	mutagen	GIABS	ABS _d	C _{cat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k e y	Industrial Soil (mg/kg)	k e y	Resident Air (ug/m ³)	k e y	Industrial Air (ug/m ³)	k e y	Tapwater (ug/L)	k e y	MCL (ug/L)	Risk-based SSL (mg/kg)	k e y	MCL-based SSL (mg/kg)			
				2.0E+00	P	7.0E-01	I	V			1	1.4E+02	Hexane, N- Hexanedioic Acid	110-54-3 124-04-9	6.1E+02 1.3E+05	ns	2.5E+03 1.6E+06	ns	7.3E+02	n	3.1E+03	n	1.5E+03 4.0E+04	n			1.0E+01 9.9E+00	n			
9.5E-03	P			7.0E-02 5.0E-03 3.3E-02	P I I	4.0E-04 3.0E-02	P I I	V V I			1 1 1	2.7E+02 3.3E+03	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol) Hexanone, 2- Hexazinone	104-76-7 591-78-6 51235-04-2	1.5E+01 2.0E+02 2.1E+03	n	6.3E+01 3.1E+03 2.7E+04	n	4.2E-01 3.1E+01 2.1E+04	n	1.8E+00 1.3E+02	n	8.3E-01 3.8E+01 6.4E+02	n			2.3E-04 8.8E-03 3.0E-01	n			
				2.5E-02 1.7E-02	I O						1 1	0.1 0.1	Hexythiazox Hydramethylnon Hydrazine	78587-05-0 67485-29-4 302-01-2	1.6E+03 1.1E+03 3.2E-02	n c*	2.1E+04 1.4E+04 1.4E-01	n c*	5.7E-04	c*	2.5E-03	c*	1.1E+02 3.4E+02 1.1E-03	c*			5.0E-01 1.2E+05 2.2E-07	n c*			
3.0E+00	I	4.9E-03	I			3.0E-05	P	V			1	1.1E+05	Hydrazine Sulfate Hydrogen Chloride Hydrogen Fluoride	10034-93-2 7647-01-0 7664-39-3	2.3E-01 2.8E+07 3.1E+03	c nm nm	1.1E+00 1.2E+08 4.7E+04	c nm nm	5.7E-04 2.1E+01 1.5E+01	c n n	2.5E-03 8.8E+01 6.1E+01	c n n	2.6E-02 4.2E+01 2.8E+01	c n n							
3.0E+00	I	4.9E-03	I								1		Hydrazine Sulfate Hydrogen Chloride Hydrogen Fluoride	10034-93-2 7647-01-0 7664-39-3	2.3E-01 2.8E+07 3.1E+03	c nm nm	1.1E+00 1.2E+08 4.7E+04	c nm nm	5.7E-04 2.1E+01 1.5E+01	c n n	2.5E-03 8.8E+01 6.1E+01	c n n	2.6E-02 4.2E+01 2.8E+01	c n n							
6.0E-02	P			4.0E-02 1.1E-01	P O	2.0E-03	I	V			1 1	0.1 0.1	Hydrogen Sulfide Hydroquinone Imazali	7783-06-4 123-31-9 35554-44-0	2.8E+06 9.0E+00 8.9E+00	nm c c	1.2E+07 3.8E+01 3.8E+01	nm c c	2.1E+00	n	8.8E+00	n	4.2E+00 1.3E+00 9.0E-01	c c c			8.7E-04 1.5E-02	c c			
6.1E-02	O			2.5E-01 2.5E+00 1.0E-02	I O A						1 1 1	0.1 0.1	Imazaquin Imazethapyr Iodine	81335-37-7 81335-77-5 7553-56-2	1.6E+04 1.6E+05 7.8E+02	nm nm n	2.1E+05 2.1E+06 1.2E+04	nm nm n					4.9E+03 4.7E+04 2.0E+02	c c c			2.4E+01 4.1E+01 1.2E+01	n			
				4.0E-02 7.0E-01 3.0E-01	I P I						1 1 1	0.1	Iprodione Iron Isobutyl Alcohol	36734-19-7 7439-89-6 78-83-1	2.5E+03 5.5E+04 2.3E+04	n nm ns	3.3E+04 8.2E+05 8.2E+05	n nm nms					7.4E+02 1.4E+04 5.9E+03	c c c			2.2E-01 3.5E+02 1.2E+00	n			
9.5E-04	I			2.0E-01 1.5E-02 2.0E+00	I I P	2.0E+00 C	V				1 1 1	0.1	Isophorone Isopropanol Isopropanol	78-59-1 33820-53-0 67-63-0	5.7E+02 1.2E+03 5.6E+03	c*	2.4E+03 1.8E+04 2.4E+04	c*	2.1E+03	n	8.8E+03	n	7.8E+01 4.0E+01 4.1E+02	c*			2.6E-02 9.2E-01 8.4E-02	c*			
				1.0E-01 5.0E-02	I I						1 1	0.1 0.1	Isopropyl Methyl Phosphoric Acid Isoxaben	1632-54-8 82558-50-7	6.3E+03 3.2E+03	n n	8.2E+04 4.1E+04	n nm					2.0E+03 7.3E+02	c c			4.3E-01 2.0E+00	n			
						3.0E-01	A	V			1		JP-7	E1737665	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n							
				8.0E-03 2.0E-04 5.0E-05	O X P						1 1 1	0.1 0.1	Lactofen Lactonitrile Lanthanum	77501-63-4 78-97-7 7439-91-0	5.1E+02 1.3E+01 3.9E+00	n n n	6.6E+03 1.6E+02 5.8E+01	n n n					1.0E+02 4.0E+00 1.0E+00	c c c			4.6E+00 8.1E-04	n			
				2.1E-05 1.9E-05 2.8E-05 1.6E-05	P P P P						1 1 1 1	0.1 0.1	Lanthanum Acetate Hydrate Lanthanum Chloride Heptahydrate Lanthanum Chloride, Anhydrous Lanthanum Nitrate Hexahydrate	100587-90-4 10025-84-0 10099-58-8 10277-43-7	1.3E+00 1.5E+00 2.2E+00 1.3E+00	n n n n	1.7E+01 2.2E+01 3.3E+01 1.9E+01	n n n n					4.2E-01 3.7E-01 5.7E-01 3.2E-01	c c c c							
8.5E-03	C	1.2E-05	C								1		Lead Compounds --Lead Phosphate	7446-27-7	8.2E+01	c	3.8E+02	c	2.3E-01	c	1.0E+00	c	9.1E+00	c							
2.1E-01	C	8.0E-05	C								1	0.1	--Lead acetate --Lead and Compounds --Lead subacetate	301-04-2 7439-92-1 1335-32-6	2.6E+00 4.0E+02 1.4E+01	c G c	1.1E+01 8.0E+02 6.0E+01	c G c	3.5E-02 1.5E-01 2.6E-01	c G c	1.5E-01 1.5E+01 1.1E+00	c G c			1.5E+01	G			7.5E-05	c	1.4E+01
3.8E-02	C	1.1E-05	C								1	0.1	--Lead subacetate	1335-32-6	1.4E+01	c	6.0E+01	c	2.6E-01	c	1.1E+00	c	2.1E+00	c			4.5E-04	c			
				1.0E-07 5.0E-06 7.7E-03	I P O			V	V		1 1 1	2.4E+00 3.8E+02	--Tetraethyl Lead Lewisant Linuron	78-00-2 541-25-3 330-55-2	7.8E-03 3.9E-01 4.9E+02	n n n	1.2E-01 5.8E+00 6.3E+03	n n n					1.3E-03 9.0E-02 1.3E+02	c c c			4.7E-06 3.8E-05 1.1E-01	n			
				2.0E-03 5.0E-04 4.4E-03	P I O						1 1 1	0.1 0.1	Lithium MCPA MCPB	7439-93-2 94-74-6 94-81-5	1.6E+02 3.2E+01 2.8E+02	n n n	2.3E+03 4.1E+02 3.6E+03	n n n					4.0E+01 7.5E+00 6.5E+01	c c c			1.2E+01 2.0E-03 2.6E-02	n			
				1.0E-03 2.0E-02 1.0E-01	I I I						1 1 1	0.1 0.1	MCPP Malathion Maleic Anhydride	93-65-2 121-75-5 108-31-6	6.3E+01 1.3E+03 6.3E+03	n n n	8.2E+02 1.6E+04 8.0E+04	n n n	7.3E-01	n	3.1E+00	n	1.6E+01 3.9E+02 1.9E+03	c c c			4.7E-03 1.0E-01 3.8E-01	n			
				5.0E-01 1.0E-04 3.0E-02	I P H						1 1 1	0.1 0.1	Maleic Hydrazide Malononitrile Mancozeb	123-33-1 109-77-3 8018-01-7	3.2E+04 6.3E+00 1.9E+03	n n n	4.1E+05 8.2E+01 2.5E+04	nm n n					1.0E+04 2.0E+00 5.4E+02	c c c			2.1E+00 4.1E-04 7.6E-01	n			
				5.0E-03 1.4E-01 2.4E-02	I I G	5.0E-05 I					1 1 1	0.1 0.1	Maneb Manganese (Diet) Manganese (Non-diet)	12427-38-2 7439-96-5 7439-96-5	3.2E+02 1.8E+03 5.7E+00	n n n	4.1E+03 2.6E+04 7.4E+01	n n n	5.2E-02 5.2E-02	n	2.2E-01 2.2E-01	n	4.3E+02 4.3E+02	c c			2.8E+01 2.6E-03	n			
				9.0E-05 3.0E-02 4.0E-03	H I P						1 1 1	0.1 0.1	Meposfolan Mepiquat Chloride Mercaptobenzothiazole, 2-	950-10-7 24307-26-4 149-30-4	1.9E+03 4.9E+01	n c**	2.5E+04 2.1E+02	n c*					1.8E+00 6.0E+02 6.3E+00	c c c*			2.0E-01 1.8E-02	n			
1.1E-02	P			3.0E-04	I	3.0E-04	G			0.07	1	3.1E+00	Mercury Compounds --Mercuric Chloride (and other Mercury salts) --Mercury (elemental)	7487-94-7 7439-97-6	2.3E+01 1.1E+01	n ns	3.5E+02 4.6E+01	n ns	3.1E-01 3.1E-01	n n	1.3E+00 1.3E+00	n n	5.7E+00 6.3E-01	n n	2.0E+00 2.0E+00	c c			3.3E-02 1.4E+01	n	1.0E-01
				1.0E-04 8.0E-05 3.0E-05	I I I						1 1 1	0.1 0.1	--Methyl Mercury --Phenylmercuric Acetate Merphos	22967-92-6 62-38-4 150-50-5	7.8E+00 5.1E+00 2.3E+00	n n n	1.2E+02 6.6E+01 3.5E+01	n n n					2.0E+00 1.6E+00 6.0E-01	c c c			2.1E+00 5.0E-04 5.9E-02	n			
				6.0E-02 1.0E-04 5.0E-05	I I I						1 1 1	0.1 0.1	Metalaxyl Methacrylonitrile Methamidophos	57837-19-1 126-98-7 10265-92-6	3.8E+03 7.5E+00 3.2E+00	n n n	4.9E+04 1.0E+02 4.1E+01	n n n	3.1E+01	n	1.3E+02	n	1.2E+03 1.9E+00 1.0E+00	c c c			3.3E-01 4.3E-04 2.1E-04	n			
				2.0E+00 1.5E-03 2.5E-02	I O I	2.0E+01 I	V				1 1 1	1.1E+05 0.1 0.1	Methanol Methidathion Methomyl	67-56-1 950-37-8 16752-77-5	1.2E+05 9.5E+01 1.6E+03	nms n n	1.2E+06 1.2E+03 2.1E+04	nms n n	2.1E+04	n	8.8E+04	n	2.0E+04 2.9E+01 5.0E+02	c c c			4.1E+00 7.1E-03 1.1E-01	n			
4.9E-02	C			5.0E-03 8.0E-03 5.0E-03 1.0E+00	I P P X	1.0E-03 P	V				1 1 1 1	1.2E+05 1.1E+05 2.9E+04 6.8E+03	Methoxy-5-nitroaniline, 2- Methoxychlor Methoxyethanol Acetate, 2- Methoxyethanol, 2- Methyl Acetate Methyl Acrylate	99-59-2 72-43-5 110-49-6 109-86-4 79-20-9 96-33-3	1.1E+01 3.2E+02 1.1E+02 2.6E+02 7.8E+04 1.5E+02	c c c n ns n	4.7E+01 4.1E+03 5.1E+02 2.0E+03 1.2E+06 8.1E+02	c c c n nms n	1.0E+00 7.3E+00 1.0E+00 3.1E+01	n n n n	4.4E+00 3.1E+01 2.1E+00 8.8E+01	n n n n	1.5E+00 3.7E+01 2.1E+00 1.3E+01 2.0E+04 4.2E+01	c c c c c c	4.0E+01	c	5.3E-04 2.0E+00 4.2E-04 2.6E-03 4.1E+00 8.9E-03	c c c c c c	2.2E+00	c	
				6.0E-01 1.0E-03	I P	5.0E+00 X	V				1 1	2.8E+04 1.8E+05	Methyl Ethyl Ketone (2-Butanone) Methyl Hydrazine	78-93-3 60-34-4	2.7E+04 1.4E-01	n c**	1.9E+05 2.8E-03	nms c**	5.2E+03 1.2E-02	n c**	2.2E+04 1.2E-02	n c**	5.6E+03 5.6E-03	c c**			1.2E+00 1.3E-06	n c**			
1.0E-03	X			3.0E+00	I	V					1	3.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	3.3E+04	ns	1.4E+05	nms	3.1E+03	n	1.3E+04	n	6.3E+03	n			1.4E+00	n			

Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2021

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information														Contaminant	Screening Levels											Protection of Ground Water SSLs			
SFO (mg/kg-day)	ky	IUR (ug/m ³ -y)	ky	RfD _o (mg/kg-day)	ky	RfC _o (mg/m ³)	ky	vo	mutagen	GIABS	ABS _o	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	ky	Industrial Soil (mg/kg)	ky	Resident Air (ug/m ³)	ky	Industrial Air (ug/m ³)	ky	Tapwater (ug/L)	ky	MCL (ug/L)	Risk-based SSL (mg/kg)	ky	MCL-based SSL (mg/kg)	
				1.4E+00	I	1.0E-03	C	V			1	1.0E+04	Methyl Isocyanate	624-83-9	4.6E+00	n	1.9E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		5.9E-04	n		
				2.5E-04	I	7.0E-01	I	V			1	2.4E+03	Methyl Methacrylate	80-62-6	4.4E+03	ns	1.9E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.0E-01	n		
				6.0E-02	X						0.1		Methyl Parathion	298-00-0	1.6E+01	n	2.1E+02	n					4.5E+00	n		7.4E-03	n		
				6.0E-03	X	4.0E-02	H	V			1	0.1	Methyl Phosphonic Acid	993-13-5	3.8E+03	n	4.9E+04	n					1.2E+03	n		2.4E-01	n		
9.9E-02	C	2.8E-05	C	6.0E-03	H	4.0E-02	H	V			1	0.1	Methyl Styrene (Mixed Isomers)	25013-15-4	3.2E+02	n	2.6E+03	ns	4.2E+01	n	1.8E+02	n	2.3E+01	n		3.8E-02	n		
				3.0E-04	X	3.0E+00	I	V			1	0.1	Methyl methanesulfonate	66-27-3	5.5E+00	c	2.3E+01	c	1.0E-01	c	4.4E-01	c	7.9E-01	c		1.6E-04	c		
1.8E-03	C	2.6E-07	C			3.0E+00	X	V			1	0.1	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	c	2.1E+02	c	1.1E+01	c	4.7E+01	c	1.4E+01	c		3.2E-03	c		
				3.0E-04	X	3.0E+00	X	V			1	0.1	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.9E+01	n	2.5E+02	n					6.0E+00	n		3.6E-03	n		
9.0E-03	P			2.0E-02	X						1	0.1	Methyl-2-Pentanol, 4-	108-11-2	5.4E+04	ns	2.3E+05	nms	3.1E+03	n	1.3E+04	n	6.3E+03	n		1.4E+00	n		
8.3E+00	C	2.4E-03	C								1	0.1	Methyl-5-Nitroaniline, 2-	99-55-8	6.0E+01	c*	2.6E+02	c*					8.2E+00	c*		4.6E-03	c*		
1.3E-01	C	3.7E-05	C								1	0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	6.5E-02	c	2.8E-01	c	1.2E-03	c	5.1E-03	c	9.4E-03	c		3.2E-06	c		
				1.0E-02	A						1	0.1	Methylaniline Hydrochloride, 2-	636-21-5	4.2E+00	c	1.8E+01	c	7.6E-02	c	3.3E-01	c	6.0E-01	c		2.6E-04	c		
				2.0E-04	X						1	0.1	Methylarsonic acid	124-58-3	6.3E+02	n	8.2E+03	n					2.0E+02	n		5.8E-02	n		
1.0E-01	X			3.0E-04	X						1	0.1	Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7	1.3E+01	n	1.6E+02	n					4.0E+00	n					
				3.0E-04	X						1	0.1	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	5.4E+00	c**	2.3E+01	c*					7.8E-01	c**					
2.2E+01	C	6.3E-03	C								1	0.1	Methylcholanthrene, 3-	56-49-5	5.5E-05	c	1.0E-01	c	1.6E-04	c	1.9E-03	c	1.1E-03	c	5.0E+00	2.2E-03	c		
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M		1	0.1	Methylene Chloride	75-09-2	5.7E-01	c**	1.0E+03	c**	1.0E+02	c**	1.2E+03	c**	1.1E+01	c**		2.9E-03	c**	1.3E-03	
1.0E-01	P	4.3E-04	C	2.0E-03	P						1	0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.2E+00	c	2.3E+01	c*	2.4E-03	c	2.9E-02	c	1.6E-01	c		1.8E-03	c		
4.6E-02	I	1.3E-05	C								1	0.1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.2E+01	c	5.0E+01	c	2.2E-01	c	9.4E-01	c	7.0E-01	c		3.9E-03	c		
1.6E+00	C	4.6E-04	C			2.0E-02	C				1	0.1	Methylenebisbenzidine, 4,4'-	101-77-9	3.4E-01	c	1.4E+00	c	6.1E-03	c	2.7E-02	c	4.7E-02	c		2.1E-04	c		
				7.0E-02	H			V			1	0.1	Methylenedi(phenyl) Diisocyanate	101-68-8	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n							
				1.5E-01	I						1	0.1	Methylstyrene, Alpha-	98-83-9	5.5E+03	ns	8.2E+04	ns					7.8E+02	n		1.2E+00	n		
				2.5E-02	I						1	0.1	Metolachlor	51218-45-2	9.5E+03	n	1.2E+05	nm					2.7E+03	n		3.2E+00	n		
				2.5E-01	I						1	0.1	Metribuzin	21087-64-9	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.5E-01	n		
				4.5E-06	X	1.0E-01	P	V			1	0.1	Metsulfuron-methyl	74223-64-6	1.6E+04	n	2.1E+05	nm					4.9E+03	n		1.9E+00	n		
				3.0E+00	P						1	0.1	Midrange Aliphatic Hydrocarbon Streams	E1790669	6.5E-01	c	2.8E+00	c	6.2E-01	c	2.7E+00	c	1.2E+00	c*		1.8E-02	c*		
1.8E+01	C	5.1E-03	C								1	0.1	Mineral oils	8012-95-1	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n		
				2.0E-04	I						1	0.1	Mirex	2385-85-5	3.6E-02	c	1.7E-01	c	5.5E-04	c	2.4E-03	c	8.8E-04	c		6.3E-04	c		
				2.0E-03	I						1	0.1	Molinate	2212-67-1	1.3E+02	n	1.6E+03	n					3.0E+01	n		1.7E-02	n		
				5.0E-03	I	2.0E-03	A				1	0.1	Molybdenum	7439-98-7	3.9E-02	n	5.8E+03	n	2.1E+00	n	8.8E+00	n	1.0E+02	n		2.0E+00	n		
				2.0E-03	P						1	0.1	Monochloramine	10599-90-3	7.8E-03	n	1.2E+05	nm					2.0E+03	n	4.0E+03(G)	1.4E-02	n		
				2.5E-02	I						1	0.1	Monomethylaniline	100-61-8	1.3E+02	n	1.6E+03	n					3.8E+01	n		5.6E+00	n		
				3.0E-04	X						1	0.1	Myclobutanil	88671-89-0	1.6E+03	n	2.1E+04	n					4.5E+02	n		3.7E-01	n		
				2.0E-03	I			V			1	0.1	N,N-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+01	n	2.5E+02	n					3.6E+00	n		1.8E-02	n		
				3.0E-02	X	1.0E-01	P	V			1	0.1	Naled	300-76-5	1.6E+02	n	2.3E+03	n					4.0E+01	n					
1.8E+00	C	0.0E+00	C								1	0.1	Naphthalene, High Flash Aromatic (HFAN)	64742-95-6	2.3E+03	n	3.5E+04	n	1.0E+02	n	4.4E+02	n	1.5E+02	n					
				1.2E-01	O						1	0.1	Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c					3.9E-02	c		2.0E-04	c		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1	Naproxamide	15299-99-7	7.6E+03	n	9.8E+04	n					2.0E+03	n		1.3E+01	n		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1	Nickel Acetate	373-02-4	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**		4.5E-02	c**		
				2.6E-04	C	1.1E-02	C	1.4E-05	C	V		0.04	Nickel Carbonate	3333-67-3	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**		4.5E-02	c**		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04	Nickel Carbonyl	13463-39-3	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**		4.5E-02	c**			
				2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04	Nickel Hydroxide	12054-48-7	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**		4.5E-02	c**			
				2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04	Nickel Oxide	1313-99-1	8.4E+02	n	1.2E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	c**		4.5E-02	c**			
				2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04	Nickel Refinery Dust	E715532	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**		4.5E-02	c**			
				2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04	Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.2E+04	n	1.1E-02	c**	4.7E-02	c**	3.9E+02	c**		2.6E+01	n			
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			0.04	1	0.1	Nickel Sulfide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c					
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C			0.1	1	0.1	Nickelocene	1271-28-9	6.0E-01	c	2.5E+00	c	1.1E-02	c**	4.7E-02	c**	8.6E-02	c	1.0E+04	1.0E+04			
				1.6E+00	I						1	0.1	Nitrate (measured as nitrogen)	14797-55-8	1.3E+05	nm	1.9E+06	nm					3.2E+04	n					
				1.0E-01	I						1	0.1	Nitrite (measured as nitrogen)	E701177	7.8E+03	n	1.2E+05	nm					2.0E+03	n		8.0E-02	n		
2.0E-02	P			1.0E-02	X	5.0E-05	X				1	0.1	Nitroaniline, 2-	88-74-4	6.3E+02	n	8.0E+03	n	5.2E-02	n	2.2E-01	n	1.9E+02	n		1.6E-03	c*		
				4.0E-03	P	6.0E-03	P				1	0.1	Nitroaniline, 4-	100-01-6	2.7E+01	c**	1.1E+02	c*	6.3E+00	n	2.6E+01	n	3.8E+00	c*		9.2E-05	c*		
				2.0E-03	I	9.0E-03	I	V			1	0.1	Nitrobenzene	98-95-3	5.1E+00	c*	2.2E+01	c*	7.0E-02	c	3.1E-01	c	1.4E-01	c*		1.3E+04	n		
				3.0E+03	P						1	0.1	Nitrocellulose	9004-70-0	1.9E+08	nm	2.5E+09	nm					6.0E+07	n		6.1E-01	n		
1.3E+00	C	3.7E-04	C								1	0.1	Nitrofurantoin	67-20-9	4.4E+03	n	5.7E+04	n					1.4E+03	n		5.4E-05	c		
1.7E-02	P			1.0E-04	P						1	0.1	Nitrofurazone	59-87-0	4.2E-01	c	1.8E+00	c	7.6E-03	c	3.3E-02	c	6.0E-02	c		8.5E-04	n		
				1.0E-01	I						1	0.1	Nitroglycerin	5															

Toxicity and Chemical-specific Information																	Screening Levels											Protection of Ground Water SSLs				
SFO (mg/kg-day) ¹⁾	k _e (y ⁻¹)	IUR (ug/m ³ -d) ¹⁾	k _e (y ⁻¹)	RfD _d (mg/kg-day)	k _e (y ⁻¹)	RfC _d (mg/m ³ -d)	k _e (y ⁻¹)	v _o	mutagen	GIABS	ABS _d	C _{cat} (mg/kg)	CAS No.	Resident Soil (mg/kg)	k _e (y ⁻¹)	Industrial Soil (mg/kg)	k _e (y ⁻¹)	Resident Air (ug/m ³)	k _e (y ⁻¹)	Industrial Air (ug/m ³)	k _e (y ⁻¹)	Tapwater (ug/L)	k _e (y ⁻¹)	MCL (ug/L)	Risk-based	k _e	MCL-based	k _e				
																									SSL (mg/kg)	y	SSL (mg/kg)	y				
				3.0E-03	I				1		0.1		32536-52-0	1.9E+02	n	2.5E+03	n						6.0E+01	n		1.2E+01	n					
				5.0E-02	I				1		0.006		2691-41-0	3.9E+03	n	5.7E+04	n						1.0E+03	n		1.3E+00	n					
7.8E-03	O			2.0E-03	H				1		0.1		152-16-9	1.3E+02	n	1.6E+03	n						4.0E+01	n		9.6E-03	n					
				1.9E-01	O				1		0.1		19044-88-3	7.0E+01	c	2.9E+02	c						7.9E+00	c		1.5E-02	c					
7.3E-02	O			5.0E-03	I				1		0.1		19666-30-9	3.2E+02	n	4.1E+03	n						4.7E+01	n	2.0E+02	4.8E-01	n			4.4E-02		
				2.5E-02	I				1		0.1		23135-22-0	1.6E+03	n	2.1E+04	n						5.0E+02	n		1.1E-01	n					
				4.0E-02	O				1		0.1		42874-03-3	7.4E+00	c	3.1E+01	c						5.4E-01	c		4.3E-02	c					
				1.3E-02	I				1		0.1		76738-62-0	8.2E+02	n	1.1E+04	n						2.3E+02	n		4.6E-01	n					
				4.5E-03	I				1		0.1		1910-42-5	2.8E+02	n	3.7E+03	n						9.0E+01	n		1.2E+00	n					
				6.0E-03	H				1		0.1		56-38-2	3.8E+02	n	4.9E+03	n						8.6E+01	n		4.3E-01	n					
				5.0E-02	H		V		1				1114-71-2	3.9E+03	n	5.8E+04	n						5.6E+02	n		4.5E-01	n					
				3.0E-01	O				1		0.1		40487-42-1	1.9E+04	n	2.5E+05	nm						1.4E+03	n		1.6E+01	n					
				2.0E-03	I				1			3.1E-01	32534-81-9	1.6E+02	ns	2.3E+03	ns						4.0E+01	n		1.7E+00	n					
				1.0E-04	I				1		0.1		60348-60-9	6.3E+00	n	8.2E+01	n						2.0E+00	n		8.7E-02	n					
				8.0E-04	I				1			4.6E+02	608-93-5	6.3E+01	n	9.3E+02	n						3.2E+00	n		2.4E-02	n					
9.0E-02	P								1			1.0E+02	76-01-7	7.7E+00	c	3.6E+01	c						6.5E-01	c		3.1E-04	c					
2.6E-01	H			3.0E-03	I		V		1			0.25	82-68-8	2.7E+00	c*	1.3E+01	c						1.2E-01	c		1.5E-03	c			1.4E-03		
4.0E-01	I	5.1E-06	C	5.0E-03	I				1			0.1	87-86-5	1.0E+00	c	4.0E+00	c	5.5E-01	c	2.4E+00	c	4.1E-02	c		5.7E-05	c						
4.3E-03	X			9.0E-03	P				1		0.1		76-11-5	1.3E+02	c**	5.3E+02	c*						1.7E+01	c**		2.6E-02	c**					
				1.0E-04	X	1.0E+00	P V		1			3.9E+02	10158-46-3	6.3E+00	n	8.2E+01	n						2.0E+00	n		4.1E-04	n					
									1				109-66-0	8.1E+02	ns	3.4E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n			1.0E+01	n					
									1		0.1		45187-15-3	1.9E+01	n	2.5E+02	n						6.0E+00	n		1.9E-03	n					
				3.0E-04	P				1		0.1		375-73-5	1.9E+01	n	2.5E+02	n						6.0E+00	n		1.9E-03	n					
				3.0E-04	P				1		0.1		29420-49-3	1.9E+01	n	2.5E+02	n						6.0E+00	n		3.0E-03	n					
									1																							
									1																							
				7.0E-04	I				1				7790-98-9	5.5E+01	n	8.2E+02	n						1.4E+01	n		1.5E+01(G)						
				7.0E-04	I				1				7791-03-9	5.5E+01	n	8.2E+02	n						1.4E+01	n		1.5E+01(G)						
				7.0E-04	I				1				14797-73-0	5.5E+01	n	8.2E+02	n						1.4E+01	n		1.5E+01(G)						
				7.0E-04	I				1				7778-74-7	5.5E+01	n	8.2E+02	n						1.4E+01	n		1.5E+01(G)						
				7.0E-04	I				1				7601-89-0	5.5E+01	n	8.2E+02	n						1.4E+01	n		1.5E+01(G)						
				5.0E-02	I				1		0.1		52645-53-1	3.2E+03	n	4.1E+04	n						1.0E+03	n		2.4E+02	n					
				2.4E-01	O				1		0.1		62-44-2	2.5E+02	c	1.0E+03	c	4.5E+00	c	1.9E+01	c	3.4E+01	c			9.7E-03	c					
				3.0E-01	I	2.0E-01	C		1		0.1		13684-63-4	1.5E+04	n	2.0E+05	nm						3.8E+03	n		2.1E+01	n					
				4.0E-03	I				1		0.1		108-95-2	1.9E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	5.8E+03	n			3.3E+00	n					
				5.0E-04	X				1		0.1		114-26-1	2.5E+02	n	3.3E+03	n						7.8E+01	n		2.5E-02	n					
				2.0E-04	X			V	1			1.3E+02	92-84-2	3.2E+01	n	4.1E+02	n						4.3E+00	n		1.4E-02	n					
				6.0E-03	I				1		0.1		103-72-0	1.6E+01	n	2.3E+02	ns						2.6E+00	n		1.7E-03	n					
				4.0E-03	I				1		0.1		108-45-2	3.8E+02	n	4.9E+03	n						1.2E+02	n		3.2E-02	n					
1.2E-01	P			6.0E-03	P				1		0.1		95-54-5	4.5E+00	c*	1.9E+01	c						6.5E-01	c		1.7E-04	c					
				1.0E-03	X				1		0.1		106-50-3	6.3E+01	n	8.2E+02	n						2.0E+01	n		5.4E-03	n					
				2.0E-04	H				1		0.1		90-43-7	2.8E+02	c	1.2E+03	c						3.0E+01	c		4.1E-01	c					
				2.0E-04	H				1		0.1		298-02-2	1.3E+01	n	1.6E+02	n						3.0E+00	n		3.4E-03	n					
									1		0.1		75-44-5	3.1E-01	n	1.3E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n			1.6E-04	n					
				2.0E-02	I				1		0.1		732-11-6	1.3E+03	n	1.6E+04	n						3.7E+02	n		8.2E-02	n					
				3.0E-04	I	3.0E-04	I V		1				7803-51-2	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E-01	n									
									1																							
									1																							
				2.0E-05	I		V		1				7664-38-2	1.4E+07	nm	6.0E+07	nm	1.0E+01	n	4.4E+01	n					4.0E-01	n					
									1				7723-14-0	1.6E+00	n	2.3E+01	n									1.5E-03	n					
									1		0.1																					
1.4E-02	I	2.4E-06	C	2.0E-02	I				1		0.1		117-81-7	3.9E+01	c*	1.6E+02	c															

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information											Contaminant		Screening Levels										Protection of Ground Water SSLs							
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³ -1)	k e y	RfD _c (mg/kg-day)	k e y	RfC _c (mg/m ³)	k e y	v o l	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k e y	Industrial Soil (mg/kg)	k e y	Resident Air (ug/m ³)	k e y	Industrial Air (ug/m ³)	k e y	Tapwater (ug/L)	k e y	MCL (ug/L)	Risk-based SSL (mg/kg)	k e y	MCL-based SSL (mg/kg)		
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V			1	0.14	--Pentachlorobiphenyl, 2',3,4,4',5-	65510-44-3	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c			
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V			1	0.14	--Pentachlorobiphenyl, 2,3',4,4',5-	31508-00-6	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c			
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V			1	0.14	--Pentachlorobiphenyl, 2,3',3',4,4'-	32598-14-4	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c			
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V			1	0.14	--Pentachlorobiphenyl, 2,3,4,4',5-	74472-37-0	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c			
1.3E+04	W	3.8E+00	W	7.0E-09	W	4.0E-07	W	V			1	0.14	--Pentachlorobiphenyl, 3,3',4,4',5-	57465-28-8	3.6E-05	c*	1.5E-04	c*	7.4E-07	c	3.2E-06	c	1.2E-06	c		3.0E-07	c			
2.0E+00	I	5.7E-04	I					V			1	0.14	--Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c			5.0E-01					
4.0E-01	I	1.0E-04	I					V			1	0.14	--Polychlorinated Biphenyls (low risk)	1336-36-3				2.8E-02	c	1.2E-01	c	4.4E-02	c	5.0E-01	6.8E-03	c	7.8E-02			
7.0E-02	I	2.0E-05	I					V			1	0.14	--Polychlorinated Biphenyls (lowest risk)	1336-36-3				1.4E-01	c	6.1E-01	c			5.0E-01						
1.3E+01	W	3.8E-03	W	7.0E-06	W	4.0E-04	W	V			1	0.14	--Tetrachlorobiphenyl, 3,3',4,4'-	32598-13-3	3.8E-02	c*	1.6E-01	c*	7.4E-04	c	3.2E-03	c	6.0E-03	c*		9.4E-04	c*			
3.9E+01	W	1.1E-02	W	2.3E-06	W	1.3E-04	W	V			1	0.14	--Tetrachlorobiphenyl, 3,4,4',5-	70362-50-4	1.2E-02	c*	4.8E-02	c*	2.5E-04	c	1.1E-03	c	4.0E-04	c		6.2E-05	c			
											1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n								
													Polynuclear Aromatic Hydrocarbons (PAHs)																	
													--Acenaphthene	83-32-9	3.6E+03	n	4.5E+04	n					5.3E+02	n		5.5E+00	n			
													--Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm					1.8E+03	n		5.8E+01	n			
													--Benz[a]anthracene	56-55-3	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	3.0E-02	c		1.1E-02	c			
													--Benzo[j]fluoranthene	205-92-3	1.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c		7.8E-02	c			
													--Benzo[a]pyrene	50-32-8	1.1E-01	c	2.1E+00	c	1.7E-03	c**	8.8E-03	n	2.9E-02	c	2.0E-01	2.9E-02	c	2.4E-01		
													--Benzo[b]fluoranthene	205-99-2	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.9E-01	c		3.0E-01	c			
													--Benzo[k]fluoranthene	207-08-9	1.1E+01	c	2.1E+02	c	1.7E-01	c	2.0E+00	c	2.5E+00	c		2.9E+00	c			
													--Chloronaphthalene, Beta-	91-58-7	4.8E+03	n	6.0E+04	n					7.9E+02	n		3.9E+00	n			
													--Chrysene	218-01-9	1.1E+02	c	2.1E+03	c	1.7E+00	c	2.0E+01	c	2.5E+01	c		9.0E+00	c			
													--Dibenz[a,h]anthracene	53-70-3	1.1E-01	c	2.1E+00	c	1.7E-03	c	2.0E-02	c	2.5E-02	c		9.6E-02	c			
													--Dibenzo[a,e]pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6E-03	c	1.1E-02	c	6.5E-03	c		8.4E-02	c			
													--Dimethylbenz[a]anthracene, 7,12-	57-97-6	4.6E-04	c	8.4E-03	c	1.4E-05	c	1.7E-04	c	1.0E-04	c		9.9E-05	c			
													--Fluoranthene	206-44-0	2.4E+03	n	3.0E+04	n					8.0E+02	n		8.9E+01	n			
													--Fluorene	86-73-7	2.4E+03	n	3.0E+04	n					2.9E+02	n		5.4E+00	n			
													--Indeno[1,2,3-cd]perylene	193-39-5	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c		9.8E-01	c			
													3.9E+02	1--Methylnaphthalene, 1-	90-12-0	1.8E+01	c	7.3E+01	c					1.1E+00	c	6.0E-03	c			
														2--Methylnaphthalene, 2-	91-57-6	2.4E+02	n	3.0E+03	n					3.6E+01	n		1.9E-01	n		
														--Naphthalene	91-20-3	2.0E+00	c*	8.6E+00	c*	8.3E-02	c*	3.6E-01	c*	1.2E-01	c*		3.8E-04	c*		
														--Nitrorene, 4-	57835-92-4	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	1.9E-02	c		3.3E-03	c		
														--Pyrene	129-00-0	1.8E+03	n	2.3E+04	n					1.2E+02	n		1.3E+01	n		
														Prochloraz	67747-09-5	3.6E+00	c	1.5E+01	c					3.8E-01	c		1.9E-03	c		
														Profuralin	26399-36-0	4.7E+02	n	7.0E+03	n					2.6E+01	n		1.6E+00	n		
														Prometon	1610-18-0	9.5E+02	n	1.2E+04	n					2.5E+02	n		1.2E-01	n		
														Prometryn	7287-19-6	2.5E+03	n	3.3E+04	n					6.0E+02	n		9.0E-01	n		
														Pronamide	23950-58-5	4.7E+03	n	6.2E+04	n					1.2E+03	n		1.2E+00	n		
														Propachlor	1918-16-7	8.2E+02	n	1.1E+04	n					2.5E+02	n		1.5E-01	n		
														Propanil	709-98-8	3.2E+02	n	4.1E+03	n					8.2E+01	n		4.5E-02	n		
														Propargite	2312-35-8	2.8E+00	c	1.2E+01	c					1.6E-01	c		1.1E-02	c		
														1.1E+05	Propargyl Alcohol	107-19-7	1.6E+02	n	2.3E+03	n					4.0E+01	n		8.1E-03	n	
															Propazine	139-40-2	1.3E+03	n	1.6E+04	n					3.4E+02	n		3.0E-01	n	
															Propham	122-42-9	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.2E-01	n	
															Propiconazole	60207-90-1	6.3E+03	n	8.2E+04	n					1.8E+03	n		5.3E+00	n	
															3.3E+04	Propionaldehyde	123-38-6	7.5E+01	n	3.1E+02	n	8.3E+00	n	3.5E+01	n	1.7E+01	n		3.4E-03	n
															2.6E+02	Propyl benzene	103-65-1	3.8E+03	ns	2.4E+04	ns	1.0E+03	n	4.4E+03	n	6.6E+02	n		1.2E+00	n
															3.5E+02	Propylene	115-07-1	2.2E+03	ns	9.3E+03	ns	3.1E+03	n	1.3E+04	n	6.3E+03	n		6.0E+00	n
																1.3E+06	nm	1.6E+07	nm					4.0E+05	n		8.1E+01	n		
																3.9E+05	nm	1.6E+06	nm	2.8E-01	n	1.2E+00	n				6.5E-01	n		
																4.1E+04	n	3.7E+05	nms	2.1E+03	n	8.8E+03	n	3.2E+03	n		1.2E+00	n		
2.4E-01	I	3.7E-06	I													2.1E+00	c	9.7E+00	c	7.6E-01	c*	3.3E+00	c*	2.7E-01	c*		5.6E-05	c		
																7.8E+01	n	1.2E+03	n					2.0E+01	n		6.8E-03	c		
																3.2E+01	n	4.1E+02	n					5.1E+00	n</					

Toxicity and Chemical-specific Information														Contaminant		Screening Levels									Protection of Ground Water SSLs			
SFO (mg/kg-day) ¹	ke y	IUR (ug/m ³) ⁻¹	ke y	RfD _s (mg/kg-day)	ke y	RfC _s (mg/m ³)	ke y	Vol mutagen	GIABS	ABS _d	Cat _{at} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	ke y	Industrial Soil (mg/kg)	ke y	Resident Air (ug/m ³)	ke y	Industrial Air (ug/m ³)	ke y	Tapwater (ug/L)	ke y	MCL (ug/L)	Risk-based SSL (mg/kg)	ke y	MCL-based SSL (mg/kg)	
				3.0E-04	I				1	0.1		Strychnine	57-24-9	1.9E+01	n	2.5E+02	n	1.0E+03	n	4.4E+03	n	5.9E+00	n	1.0E+02	6.5E-02	n	1.1E-01	
				2.0E-01	I	1.0E+00	I	V			8.7E+02	Styrene	100-42-5	6.0E+03	ns	3.5E+04	ns	1.0E+03	n	4.4E+03	n	1.2E+03	n		1.3E+00	n		
				3.0E-03	P				1	0.1		Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	57964-39-3	1.9E+02	n	2.5E+03	n					4.8E+01	n					
				3.0E-03	P				1	0.1		Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	57964-40-6	1.9E+02	n	2.5E+03	n					4.8E+01	n					
				1.0E-03	P	2.0E-03	X		1	0.1		Sulfolane	126-33-0	6.3E+01	n	8.2E+02	n	2.1E+00	n	8.8E+00	n	2.0E+01	n		4.4E-03	n		
				8.0E-04	P				1	0.1		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+01	n	6.6E+02	n					1.1E+01	n		6.5E-02	n		
2.5E-02	I	7.1E-06	I	5.0E-02	H				1	0.1		Sulfur Trioxide	7446-11-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n					
				3.0E-02	H				1	0.1		Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n					
				7.0E-02	I				1	0.1		Sulfurous acid, 2-chloroethyl 2-[(4-(1,1-dimethylethyl)phenoxy)-1-methylethyl ester]	140-57-8	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.3E+00	c		1.5E-02	c		
				2.0E-02	H				1	0.1		TCMTB	21564-17-0	1.9E+03	n	2.5E+04	n					4.8E+02	n					
				1.3E-02	I				1	0.1		Tebuthiuron	34014-18-1	4.4E+03	n	5.7E+04	n					1.4E+03	n					
				2.5E-05	H			V	1	0.1		Temephos	3383-96-8	1.3E+03	n	1.6E+04	n					4.0E+02	n					
5.0E-03	C	1.3E-06	C	1.0E-04	I				1	0.1		Terbacil	5902-51-2	8.2E+02	n	1.1E+04	n					2.5E+02	n					
				3.0E-05	P				1	0.1		Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n					2.4E-01	n					
				1.0E-03	I				1	0.1		Terbutryn	886-50-0	6.3E+01	n	8.2E+02	n					1.3E+01	n					
				1.0E-04	I				1	0.1		Tert-Butyl Acetate	540-88-5	8.1E+00	c	3.6E+01	c	2.2E+00	c	9.4E+00	c	3.3E+00	c		7.6E-04	c		
				3.0E-05	P				1	0.1		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.3E+00	n	8.2E+01	n					2.0E+00	n		5.3E-02	n		
2.6E-02	I	7.4E-06	I	3.0E-02	I				1	0.1	6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	c	8.8E+00	c	3.8E-01	c	1.7E+00	c	5.7E-01	c	5.0E+00	2.2E-04	c		
2.0E-01	I	5.8E-05	C	2.0E-02	I				1	0.1	1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	6.0E-01	c	2.7E+00	c	4.8E-02	c	2.1E-01	c	7.8E-02	c		3.0E-05	c		
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V	1	0.1	1.7E+02	Tetrachloroethylene	127-18-4	2.4E+01	c**	1.0E+02	c**	1.1E+01	c**	4.7E+01	c**	1.1E+01	c**		5.1E-03	c**	2.3E-03	
1.6E+01	X			3.0E-02	I				1	0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.9E+03	n	2.5E+04	n					2.4E+02	n	5.0E+00	1.8E-01	n		
				6.0E-05	X			V	1	0.1		Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	4.3E-02	c	2.0E-01	c					1.7E-03	c		5.7E-06	c		
				5.0E-04	I				1	0.1		Tetraethyl Dithiophosphosphate	3689-24-5	3.2E+01	n	4.1E+02	n					7.1E+00	n		5.2E-03	n		
				1.0E-04	X				1	0.1	2.1E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+05	nms	4.3E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n		9.3E+01	n		
				2.0E-03	P				1	0.00065		Tetramethylphosphoramide, -N,N,N,N' (TMPA)	16853-36-4	6.3E+00	n	8.2E+01	n					2.0E+00	n					
				2.0E-05	G				1			Triethyl (Trinitrophenyl)trimethylamine	479-45-8	1.6E+02	n	2.3E+03	n					3.9E+01	n					
				1.0E-05	X				1			Thallic Oxide	1314-32-5	1.6E+00	n	2.3E+01	n					4.0E-01	n					
				1.0E-05	X				1			Thallium (I) Nitrate	10102-45-1	7.8E-01	n	1.2E+01	n					2.0E-01	n					
				1.0E-05	X				1			Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.2E+01	n					2.0E-01	n	2.0E+00	1.4E-02	n	1.4E-01	
				1.0E-05	X				1			Thallium Acetate	563-68-8	7.8E-01	n	1.2E+01	n					2.0E-01	n					
				2.0E-05	X			V	1			Thallium Carbonate	6533-73-9	1.6E+00	n	2.3E+01	n					4.0E-01	n					
				1.0E-05	X				1			Thallium Chloride	7791-12-0	7.8E-01	n	1.2E+01	n					2.0E-01	n					
				1.0E-05	G				1			Thallium Selenite	12039-52-0	7.8E-01	n	1.2E+01	n					2.0E-01	n					
				2.0E-05	X				1			Thallium Sulfate	7446-18-6	1.6E+00	n	2.3E+01	n					4.0E-01	n					
				4.3E-02	O				1	0.1		Thiensiulfuron-methyl	79277-27-3	2.7E+03	n	3.5E+04	n					8.8E+02	n					
				1.0E-02	I				1	0.1		Thiobencarb	28249-77-6	6.3E+02	n	8.2E+03	n					1.6E+02	n					
				7.0E-02	X				1	0.0075		Thiodiglycol	111-48-8	5.4E+03	n	7.9E+04	n					1.4E+03	n					
				3.0E-04	H				1	0.1		Thiofanox	39198-18-4	1.9E+01	n	2.5E+02	n					5.3E+00	n					
1.2E-02	O			1.6E-01	O				1	0.1		Thiophanate, Methyl	23564-05-8	4.7E+01	c	2.0E+02	c					6.7E+00	c					
				1.5E-02	O				1	0.1		Thiram	137-26-8	9.5E+02	n	1.2E+04	n					2.9E+02	n					
				6.0E-01	H				1			Tin	7440-31-5	4.7E+04	n	7.0E+05	nm					1.2E+04	n					
				8.0E-02	I	1.0E-04	A	V	1		8.2E+02	Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n					
3.9E-02	C	1.1E-05	C	5.0E+00	I	8.0E-06	C	V	1			Toluene	108-88-3	4.9E+03	ns	4.7E+04	ns	5.2E+03	n	2.2E+04	n	1.1E+03	n	1.0E+03	7.6E-01	n	6.9E-01	
1.8E-01	X			2.0E-04	X				1	0.1		Toluene-2,4-disocyanate	584-84-9	6.4E+00	n	2.7E+01	n	8.3E-03	n	3.5E-02	n	1.7E-02	n		2.5E-04	n		
3.9E-02	C	1.1E-05	C	1.0E-04	X	8.0E-06	C	V	1	0.1	1.7E+03	Toluene-2,5-diamine	95-70-5	3.0E+00	c**	1.3E+01	c*					4.5E-01	c**		1.3E-04	c**		
				1.0E-04	X				1	0.1		Toluene-2,6-disocyanate	91-08-7	5.3E+00	n	2.2E+01	n	8.3E-03	n	3.5E-02	n	1.7E-02	n		2.6E-04	n		
				5.0E-03	P				1	0.1		Toluenediamine, 2,3-	2687-25-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		6.2E-04	n		
1.6E-02	P	5.1E-05	C	1.0E-04	X				1	0.1		Toluenediamine, 3,4-	496-72-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		6.2E-04	n		
				3.0E-02	P				1	0.1		Toxic Acid, p-	99-94-5	3.2E+02	n	4.1E+03	n					9.0E+01	n		2.3E-02	n		
				4.0E-03	X				1	0.1		Toluidine, o- (Methylaniline, 2-)	95-53-4	3.4E+01	c	1.4E+02	c	5.5E-02	c	2.4E-01	c	4.7E+00	c		2.0E-03	c		
3.0E-02	P			3.0E+00	P				1		3.4E-01	Toluidine, p-	106-49-0	1.8E+01	c*	7.7E+01	c*					2.5E+00	c*		1.1E-03	c*		
				1.0E-02	X	1.0E-01	P	V	1		6.9E+00	Total Petroleum Hydrocarbons (Aliphatic High)	E1790670	2.3E+05	nms	3.5E+06	nms	6.3E+02	n	2.6E+03	n	6.0E+04	n		2.4E+03	n		
				4.0E-02	P				1	0.13	1.4E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	5.2E+02	ns	2.2E+03	ns											

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information										Contaminant					Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³ -d)	k _e y	RFD ₀ (mg/kg-day)	k _e y	RfC ₀ (mg/m ³)	k _e y	v	mutagen	GIABS	ABS ₀	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k _e y	Industrial Soil (mg/kg)	k _e y	Resident Air (ug/m ³)	k _e y	Industrial Air (ug/m ³)	k _e y	Tapwater (ug/L)	k _e y	MCL (ug/L)	Risk-based SSL (mg/kg)	k _e y	MCL-based SSL (mg/kg)
7.0E-03	X			3.0E-05	X					1	0.1		Trichloroaniline, 2,4,6-	634-93-5	1.9E+00	n	2.5E+01	n					4.0E-01	n		3.6E-03	n	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		4.0E+02	Trichlorobenzene, 1,2,3-	87-61-6	6.3E+01	n	9.3E+02	n	2.1E+00	n	8.8E+00	n	1.2E+00	n	7.0E+01	2.1E-02	n	
				2.0E+00	I	5.0E+00	I	V		1		6.4E+02	Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01	c**	1.1E+02	c**	5.2E+03	n	2.2E+04	n	8.0E+03	n	2.0E+02	3.4E-03	c**	2.0E-01
													Trichloroethane, 1,1,1-	71-55-6	8.1E+03	ns	3.6E+04	ns							2.8E+00	2.8E+00	n	7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		2.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.1E+00	c**	5.0E+00	c**	1.8E-01	c**	7.7E-01	c**	2.8E-01	c**	5.0E+00	8.9E-05	c**	1.6E-03
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1		6.9E+02	Trichloroethylene	79-01-6	9.4E-01	c**	6.0E+00	c**	4.8E-01	c**	3.0E+00	c**	4.9E-01	c**	5.0E+00	1.8E-04	c**	1.8E-03
				3.0E-01	I			V		1		1.2E+03	Trichlorofluoromethane	75-69-4	2.3E+04	ns	3.5E+05	nms					5.2E+03	n		3.3E+00	n	
1.1E-02	I	3.1E-06	I	1.0E-01	I					1	0.1		Trichlorophenol, 2,4,5-	95-95-4	6.3E+03	n	8.2E+04	n					1.2E+03	n		4.0E+00	n	
				1.0E-03	P					1	0.1		Trichlorophenol, 2,4,6-	88-06-2	4.9E+01	c**	2.1E+02	c**	9.1E-01	c	4.0E+00	c	4.1E+00	c**		4.0E-03	c**	
				1.0E-02	I					1	0.1		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+02	n	8.2E+03	n					1.6E+02	n		6.8E-02	n	
				8.0E-03	I					1	0.1		Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.1E+02	n	6.6E+03	n					1.1E+02	n	5.0E+01	6.1E-02	n	2.8E-02
				5.0E-03	I			V		1		1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+02	n	5.8E+03	ns					8.8E+01	n		3.5E-02	n	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.1E-03	c	1.1E-01	c	3.1E-01	n	1.3E+00	n	7.5E-04	c		3.2E-07	c	
				3.0E-03	X	3.0E-04	P	V		1		3.1E+02	Trichloropropene, 1,2,3-	96-19-5	7.3E-01	n	3.1E+00	n	3.1E-01	n	1.3E+00	n	6.2E-01	n		3.1E-04	n	
				2.0E-02	A					1	0.1		Tricresyl Phosphate (TCP)	1330-78-5	1.3E+03	n	1.6E+04	n					1.6E+02	n		1.5E+01	n	
				3.0E-03	I					1	0.1		Triphane	58138-08-2	1.9E+02	n	2.5E+03	n					1.8E+01	n		1.3E-01	n	
				2.0E+00	P	7.0E-03	I	V		1	0.1	2.8E+04	Triethylamine	121-44-8	1.2E+02	n	4.8E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n		4.4E-03	n	
				2.0E+01	P					1	0.1	4.8E+03	Triethylene Glycol	112-27-6	1.3E+05	nm	1.6E+06	nm					4.0E+04	n		8.8E+00	n	
7.7E-03	I			7.5E-03	I			V		1			Trifluoroethane, 1,1,1-	420-46-2	1.5E+04	ns	6.2E+04	ns	2.1E+04	n	8.8E+04	n	4.2E+04	n		1.3E+02	n	
2.0E-02	P			1.0E-02	P			V		1	0.1		Trifluralin	1582-09-8	9.0E+01	c**	4.2E+02	c*					2.6E+00	c*		8.4E-02	c*	
				1.0E-02	I	6.0E-02	I	V		1		2.9E+02	Trimethyl Phosphate	512-56-1	2.7E+01	c*	1.1E+02	c*					3.9E+00	c*		8.6E-04	c*	
				1.0E-02	I	6.0E-02	I	V		1		2.2E+02	Trimethylbenzene, 1,2,3-	526-73-8	3.4E+02	ns	2.0E+03	ns	6.3E+01	n	2.6E+02	n	5.5E+01	n		8.1E-02	n	
				1.0E-02	I	6.0E-02	I	V		1		2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	3.0E+02	ns	1.8E+03	ns	6.3E+01	n	2.6E+02	n	5.6E+01	n		8.1E-02	n	
				1.0E-02	I	6.0E-02	I	V		1		1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	2.7E+02	ns	1.5E+03	ns	6.3E+01	n	2.6E+02	n	6.0E+01	n		8.7E-02	n	
				1.0E-02	X			V		1		3.0E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.8E+02	ns	1.2E+04	ns					3.8E+01	n		1.3E-01	n	
3.0E-02	I			3.0E-02	I					1	0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.2E+03	n	3.2E+04	n					5.9E+02	n		2.1E+00	n	
				5.0E-04	I					1	0.032		Trinitrotoluene, 2,4,6-	118-96-7	2.1E+01	c**	9.6E+01	c**					2.5E+00	c**		1.5E-02	c**	
				2.0E-02	P					1	0.1		Triphenylphosphine Oxide	791-28-6	1.3E+03	n	1.6E+04	n					3.6E+02	n		1.5E+00	n	
				2.0E-02	A					1	0.1		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.3E+03	n	1.6E+04	n					3.6E+02	n		8.0E+00	n	
2.3E+00	C	6.6E-04	C					V		1		4.7E+02	Tris(1-chloro-2-propyl)phosphate	13674-84-5	6.3E+02	n	8.2E+03	n	4.3E-03	c	1.9E-02	c	6.8E-03	c		6.5E-01	n	
				1.0E-02	X					1	0.1		Tris(2,3-dibromopropyl)phosphate	126-72-7	2.8E-01	c	1.3E+00	c					3.6E-03	c		1.3E-04	c	
2.0E-02	P			7.0E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.7E+01	c*	1.1E+02	c*					3.8E+00	c*		3.8E-03	c*	
3.2E-03	P			1.0E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.7E+02	c*	7.2E+02	c					2.4E+01	c*		1.2E+02	c*	
				8.0E-04	P					1			Tungsten	7440-33-7	6.3E+01	n	9.3E+02	n					1.6E+01	n		2.4E+00	n	
1.0E+00	C	2.9E-04	C	2.0E-04	A	4.0E-05	A		M	1	0.1		Uranium	7440-61-1	1.6E+01	n	2.3E+02	n	4.2E-02	n	1.8E-01	n	4.0E+00	n	3.0E+01	1.8E+00	n	1.4E+01
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			Urethane	51-79-6	1.2E-01	c	2.3E+00	c	3.5E-03	c	4.2E-02	c	2.5E-02	c		5.6E-06	c	
				5.0E-03	G	1.0E-04	A			0.026			Vanadium and Compounds	7440-62-2	3.9E+02	n	5.8E+03	n	1.0E-01	n	4.4E-01	n	8.6E+01	n		8.6E+01	n	
				1.0E-03	I			V		1			Vernolate	1929-77-7	7.8E+01	n	1.2E+03	n					1.1E+01	n		8.9E-03	n	
				1.2E-03	O					1	0.1		Vinclozolin	50471-44-8	7.6E+01	n	9.8E+02	n					2.1E+01	n		1.6E-02	n	
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	Vinyl Acetate	108-05-4	9.1E+02	n	3.8E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.7E-02	n	
7.2E-01	I	1.5E-05	P	3.0E-03	I	8.0E-02	A	V	M	1		3.9E+03	Vinyl Bromide	593-60-2	2.6E-01	c*	1.1E+00	c*	1.9E-01	c*	8.2E-01	c*	3.7E-01	c*	2.0E+00	1.1E-04	c*	
				1.0E-01	I					1	0.1		Vinyl Chloride	75-01-4	5.9E-02	c	1.7E+00	c	1.7E-01	c	2.8E+00	c	1.9E-02	c		6.5E-06	c	6.9E-04
				3.0E-04	I					1			Warfarin	81-81-2	1.9E+01	n	2.5E+02	n					5.6E+00	n		5.9E-03	n	
				2.0E-01	G	1.0E-01	G	V		1		3.9E+02	Xylene, m-	108-38-3	5.5E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	G	1.0E-01	G	V		1		4.3E+02	Xylene, o-	95-47-6	6.4E+02	ns	2.8E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	G	1.0E-01	G	V		1		3.9E+02	Xylene, p-	106-42-3	5.6E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	Xylenes	1330-20-7	5.8E+02	ns	2.5E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n	1.0E+04	1.9E-01	n	9.9E+00
				3.0E-04	I					1			Zinc Phosphide	1314-84-7	2.3E+01	n	3.5E+02	n					6.0E+00	n			n	
				3.0E-01	I					1			Zinc and Compounds	7440-66-6	2.3E+04	n	3.5E+05	nm					6.0E+03	n		3.7E+02	n	
				5.0E-02	I					1	0.1		Zineb	12122-67-7	3.2E+03	n	4.1E+04	n					9.9E+02	n		2.9E+00	n	
				8.0E-05	X					1			Zirconium	7440-67-7	6.3E+00	n	9.3E+01	n					1.6E+00	n		4.8E+00	n	