APPENDIX 5.9 BIG-1

HAZARDOUS MATERIALS AND WASTES TECHNICAL REPORT

*PART 10

Show on Map

Showing 1-1 of 1 | Download results

	Address
☐	25616 W MAIN ST, LENWOOD CA 92311 United States

Associated Owners of Parcel 0422131030000

Showing 1-2 of 2 | Download results

Name	Address
MCLAWS, PAUL D	P O BOX 910 BARSTOW, CA 92312 04221310300000007 92312
MCLAWS, APRIL L	04221310300000008

Announcements Register for an Account Login Search...

Need to make a one-time payment? Enter your record/project number in the search box, look for "Payments", select "Fees", then click "Pay Fees Due" link and follow payment steps on screen. Or follow this tutorial **here**. Note that some records/projects require the user to login before searching and making a payment.

Home **Planning** **Fire** **Building** **Enforcement** **Film** **Public Works**

Advanced Search

Look Up Property Information

Enter information below to look up property information.

- Address
- Parcel information
- Record Information

Use the drop-down list to change the search type.

Look Up by Parcel Information

Look Up by Parcel Information

Parcel Number:
0422131040000

Lot:

Look Up Clear

1 results found matching lookup criteria

Click any of the results below to view more details.

Show on Map

Showing 1-1 of 1 | Download results

	Parcel Number	Lot	Block	Subdivision	Action
☐	**0422131040000**	24			**Retrieve Address & Owner Info**

Associated Addresses of Parcel 0422131040000

Show on Map

Showing 1-1 of 1 | Download results

	Address
☐	**25600 W MAIN ST, LENWOOD CA 92311 United States**

Associated Owners of Parcel 0422131040000

Showing 1-2 of 2 | Download results

Name	Address
MC LAWS, PAUL	P O BOX 910 BARSTOW CA 92312 04221310400000014 92312
MC LAWS, APRIL	04221310400000015

County of San Bernardino EZ Online Permitting Support
Toll Free (800) 722-4542
Direct Line (909) 387-8311
Website

Land Use Services
County Government Center
385 N. Arrowhead Avenue
San Bernardino, CA 92415
Jerry Lewis High Desert Government Center
15900 Smoke Tree Street Suite 131
Hesperia, CA 92345
Toll Free (800)722-4542 |
Direct Line (909)387-8311
Website

Department of Public Works
825 East Third Street
San Bernardino, CA 92415
Website

San Bernardino County Fire Fire Marshal
598 S Tippecanoe Ave
San Bernardino, CA 92408
(909) 386-8400
Website

Film Office
County Government Center
385 N. Arrowhead Avenue
San Bernardino, CA 92415
info@sbcountyfilm.com | 800-SBC-FILM
Website

Privacy Policy | Disclaimer | Accessibility

M GIS Powered by WellSTAR
Lenwood Rd
State Highway 58
Evans Rd
Agate Rd
Cedar Rd
Jade Rd
Jasper Rd
W Main St
W Main St
Search result
(1 of 1)
Lenwood
State Highway 58
Lenwood Rd
Lenwood Park
Tortoise Rd
3rd St
3rd St
Woods Ave
Main St
Lenwood Rd
15
Sweeten Ln
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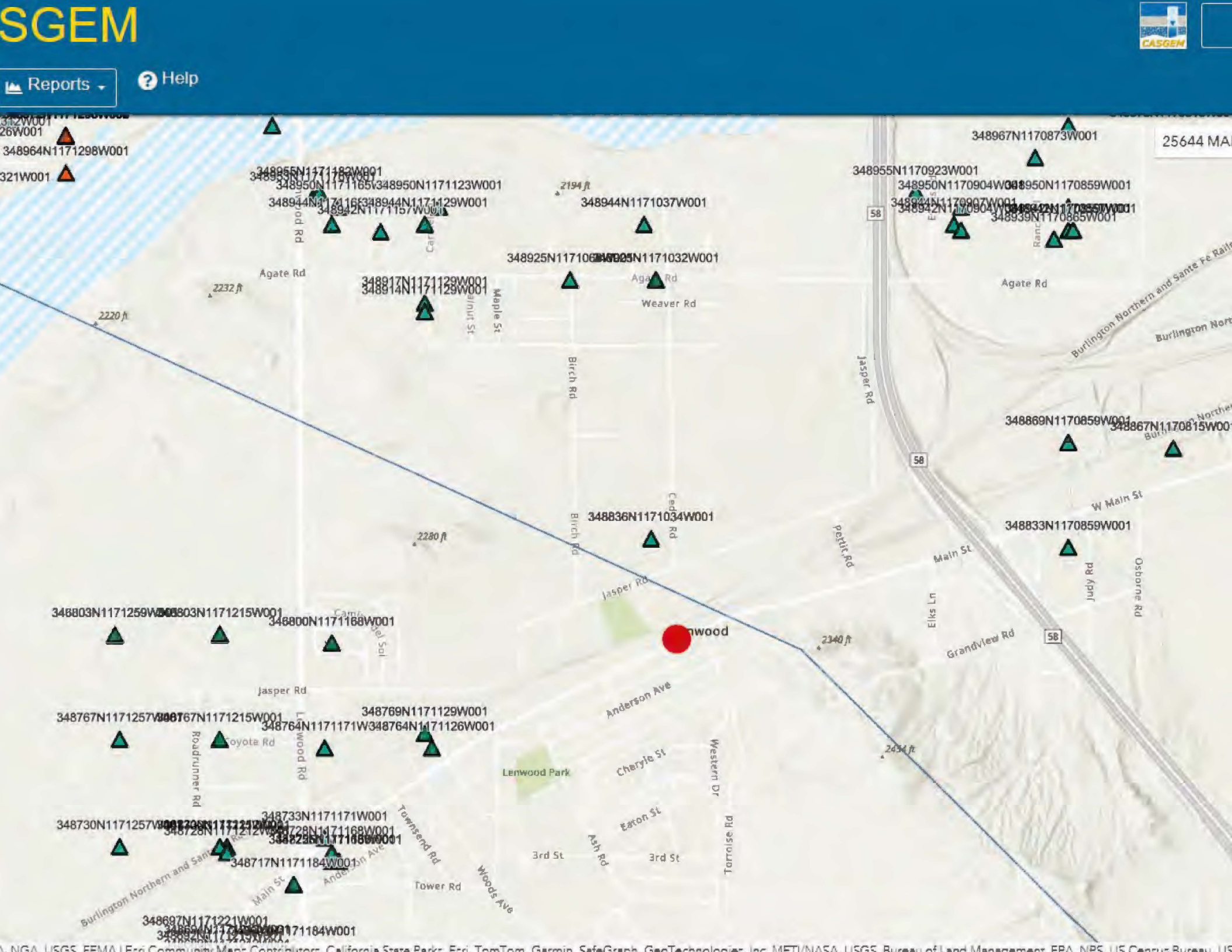
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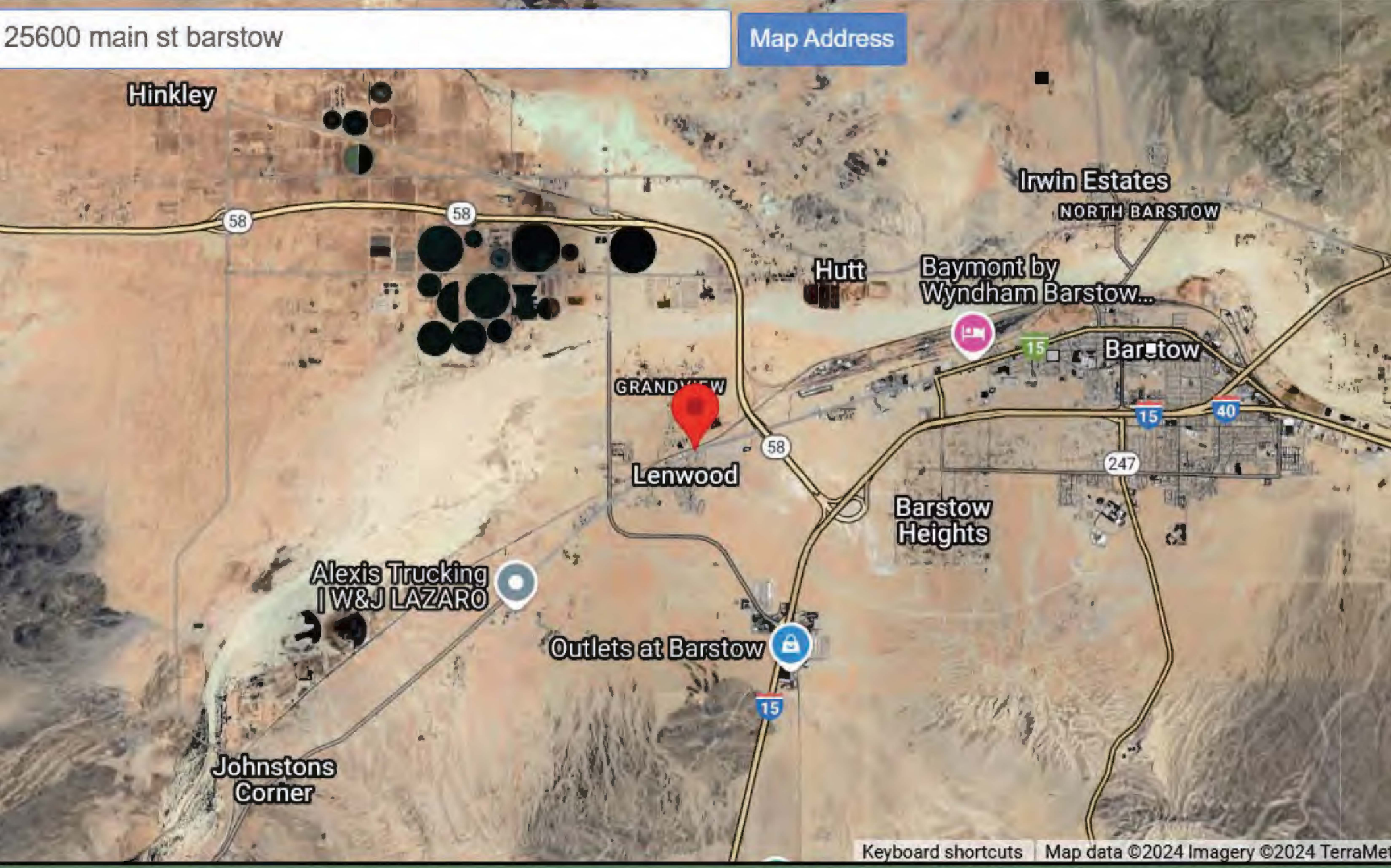
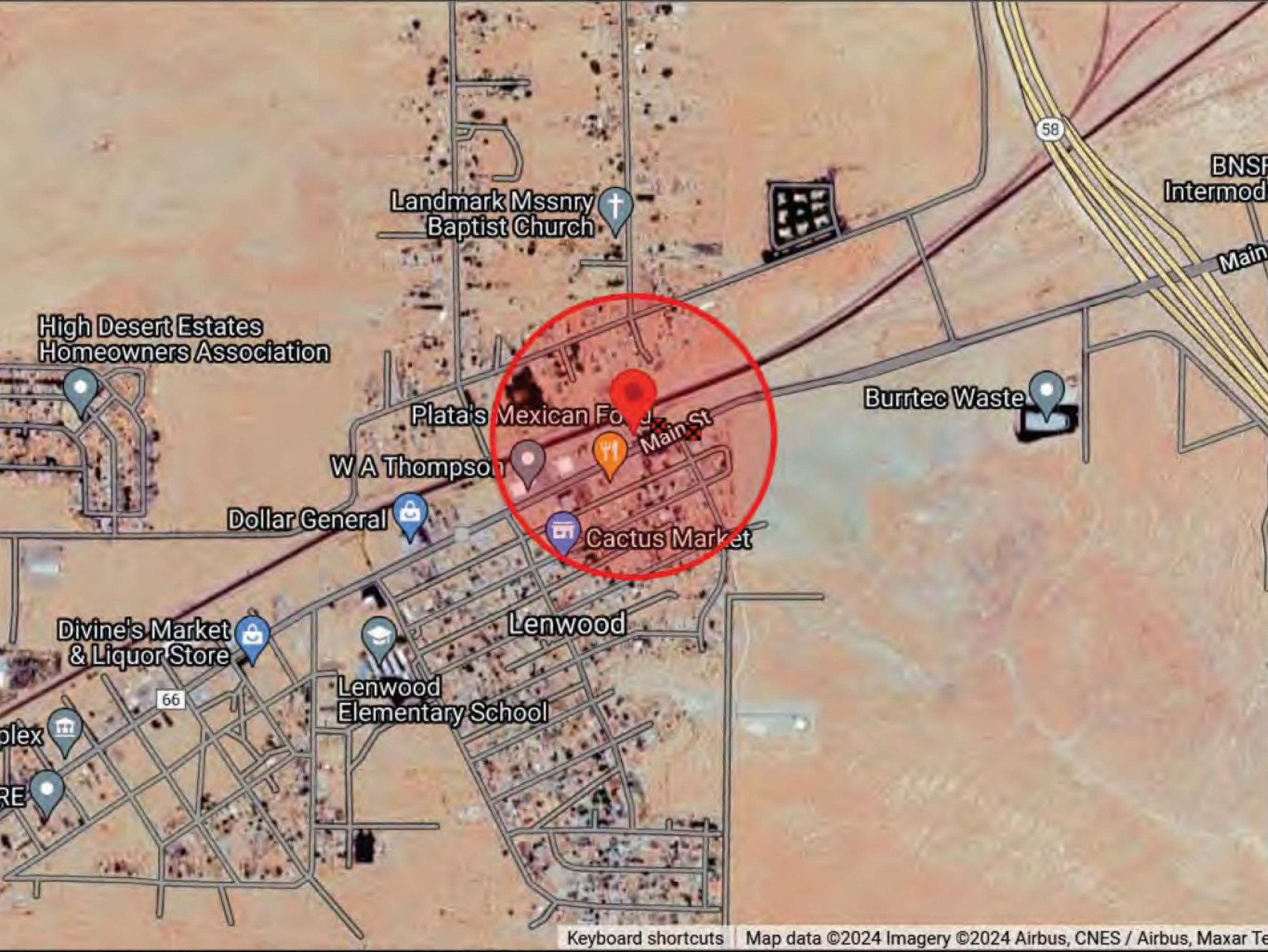
Agate Rd
Weaver Rd
Jasper Rd
Birch Rd
Maple St
Walnut St
Redwood Rd
Cedar Rd
Petit Rd
Elks Ln
Judy Rd
Osborne Rd
W Main St
Main St
Grandview Rd
Anderson Ave
Cheryle St
Western Dr
Eaton St
3rd St
Ash Rd
Terraise Rd
Townsend Rd
Woods Ave
Tower Rd
Lenwood Park
Roadrunner Rd
Coyote Rd
Lenwood Rd
Burlington Northern and Sante Fe Railroad
58
NGA, USGS, FEMA | Esri Community Maps Contributors, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, US



13 SITES LISTED

STATUS	PROJECT TYPE	ADDRESS
INACTIVE - NEEDS EVALUATION	MILITARY EVALUATION	
ACTIVE	FEDERAL SUPERFUND	5,688 ACRES; MIDDLE OF THE M
INACTIVE - NEEDS EVALUATION	EVALUATION	33500 BLOCK OF KING STREET
INACTIVE - NEEDS EVALUATION	MILITARY EVALUATION	
INACTIVE - NEEDS EVALUATION	MILITARY EVALUATION	
INACTIVE - NEEDS EVALUATION	MILITARY EVALUATION	



Sites Shown on Map: 2 Total Sites 0 Open Sites 2 Closed Sites 0 Sites w/Water Quality Data

Phase I ESA Questionnaire

Name of preparer: April McLaws

Site Address or APN: 25600, 25616, 25644 W. Main St.

Name of property owner / representative and title:

Date property was purchased: 2003 & 2004

How have you utilized the Property? HVAC/R & Sheet Metal Fabrication		
What was the use of the Property by the previous owner? 25600 – Paint & Body 25616 – Apartments - (2) N/A		
Do you have any knowledge of environmental issues at the site?	☐ Yes	☒ No
If yes please explain:		
Do you have knowledge of any environmental liens for the site?	☐ Yes	☒ No
If yes please explain:		
Do you have any past or current storage of hazardous materials at the site?	☐ Yes	☒ No
If yes please explain:		
Do you know of any current or past Above or Underground Storage Tanks at the site?	☐ Yes	☒ No
If yes please explain:		
Do you know if any clarifiers have ever been present at the site?	☐ Yes	☒ No
If yes please explain:		
Do you know of any spills or cleanups at the site?	☐ Yes	☒ No
If yes please explain:		
Do you have any knowledge of previous environmental assessments conducted for the site?	☐ Yes	☒ No
If yes please explain:		

I certify that the above is completed to the best of my knowledge.

Signature of Preparer April McLaws

Please complete and return to Jose Maldonado of TRC at JMaldonado@trccompanies.com

Thank you.

PIMS PACKAGE REPORT FOR PARCEL 0422-131-02-0000

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B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□ □□□□□□	0
□□□□□□ □□r MCLAWS, APRIL L	□□□□□□□	30,025
	□□ □□□□□ □□□□	0
	□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	5,914
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	23,660
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131020000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□ □□□□□□	0
□□□□□□ □□r MCLAWS, APRIL L	□□□□□□□	29,574
	□□ □□□□□ □□□□	0
	□□□□□□□□ □□□□	0
	□□□□□	□□□□□

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□R□ 56117	□□□d□□□□□	5,798
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	23,197
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	28,995
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	5,772
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	23,092
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	28,864
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□	5,659
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□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□	0
□□rr□□□□□□ □□□d□	□□r□□r□□□□□	0
□r□□□□□□ □□r□□□0422131020000	□□r□□r□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□ □□□□□	0
□□□□□□ □□r MCLAWS, APRIL L	□□□□□□	28,298
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□	5,548
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□	22,195
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□	0
□□rr□□□□□□ □□□d□	□□r□□r□□□□□	0
□r□□□□□□ □□r□□□0422131020000	□□r□□r□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□ □□□□□	0
□□□□□□ □□r MCLAWS, APRIL L	□□□□□□	27,743
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	5,507
□□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□□	22,029
□□rr□□□□□□□D□□□	□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□	0
□□□□□□□□ □□r MCLAWS, APRIL L	□□□□□□□□□□	27,536
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	5,520
□□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□□	22,081
□□rr□□□□□□□D□□□	□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□□	0
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□□□□□□□□ □□r MCLAWS, APRIL L	□□□□□□□□□□	27,601
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ROLL 56117	Land Value	5,412
Property Type: NON	Improvement Value	21,648
Current Owner Date:	Improvement Value	0
Current Owner Code:	Improvement Value	0
Parcel Number: 0422131020000	Improvement Value	0
Board Order Owner: MCLAWS, PAUL D	Total Value	0
Current Owner: MCLAWS, APRIL L	Total Value	27,060
	Net Taxable Value	0
	Homestead Exemption	0
	Total Tax	$0.00

ROLL 56117	Land Value	5,306
Property Type: NON	Improvement Value	21,224
Current Owner Date:	Improvement Value	0
Current Owner Code:	Improvement Value	0
Parcel Number: 0422131020000	Improvement Value	0
Board Order Owner: MCLAWS, PAUL D	Total Value	0
Current Owner: MCLAWS, APRIL L	Total Value	26,530
	Net Taxable Value	0
	Homestead Exemption	0
	Total Tax	$0.00

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□R□ 56117	□□□d□□□□□	5,202
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□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□□	0
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□□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	26,010
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□R□ 56117	□□□d□□□□□	5,100
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□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	25,500
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	5,195
□□□□□□□ □□□YES	□□ □r□□□□ □□□□□□□□	10,390
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□ □d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□ □r□□□0422131020000	□□r□□□r□□□□□□□□	0
B□□□d□□ □ □□r HICKMAN, DONALD D	□□□□□□□□□□□□□	0
□□□□□□□ □ □r	□□□□□□□□□	15,585
	□□ □□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
	□ □□□□ □□□□	□□□□□

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□R□ 56117	□□□d□□□□□	5,100
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□□	10,200
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□ □d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□ □r□□□0422131020000	□□r□□□r□□□□□□□□	0
B□□□d□□ □ □□r HICKMAN, DONALD D	□□□□□□□□□□□□□	0
□□□□□□□ □ □r	□□□□□□□□□	15,300
	□□ □□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
	□ □□□□ □□□□	□□□□□

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□R□ 56117		□□□d□□□□	5,000
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□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131020000		□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	HICKMAN, DONALD D	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r		□□□□□□□ □□□□	15,000
		□□ □□□□ □□□□	0
		□□□□□□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

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□R□ 56117		□□□d□□□□	4,362
□□□□□□□ □□□YES		□□ □r□□□□ □□□□□□□	24,650
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131020000		□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□ □□□□□□	0
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		□□ □□□□ □□□□	0
		□□□□□□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

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□R□ 56117		□□□d□□□□□	4,276
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□□	24,167
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□□	0
□r□□□□□□□□ □r□□□ 0422131020000		□□r□□□r□□□□□□□	0
B□□□d□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□□□□□	0
□□□□□□□ □ □□r		□□□□□□□□□□	28,443
		□□ □□□□□□ □□□□	0
		□□□□□□□□□□ □□□□	0
		□ □□□□□□□	□□□□□□

□□□r□□□□□□

□R□ 56117		□□□d□□□□□	4,192
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□□	23,693
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□□	0
□r□□□□□□□□ □r□□□ 0422131020000		□□r□□□r□□□□□□□	0
B□□□d□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□□□□□	0
□□□□□□□ □ □□r		□□□□□□□□□□	27,885
		□□ □□□□□□ □□□□	0
		□□□□□□□□□□ □□□□	0
		□ □□□□□□□	□□□□□□

□□□r□□□□□

□R□ 56117		□□□d□□□□	4,116
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□	23,263
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□	0
□□rr□□□□□□ □□□d□		□□r□□r□□□□	0
□r□□□□□□□ □r□□□0422131020000		□□r□□r□□□□	0
B□□□d□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□	0
□□□□□□ □ □□r		□□□□□□□	27,379
		□□ □□□□ □□□□	0
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□R□ 56117		□□□d□□□□	4,035
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□	22,807
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□	0
□□rr□□□□□□ □□□d□		□□r□□r□□□□	0
□r□□□□□□□ □r□□□0422131020000		□□r□□r□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□	0
□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□	26,842
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□R□ 56117		□□□d□□□□□	3,956
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	22,360
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	26,316
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□R□ 56117		□□□d□□□□□	3,913
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	22,115
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	26,028
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□R□ 56117		□□□d□□□□□	3,867
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□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□□	0
□r□□□□□□□□ □r□□□ 0422131020000		□□r□□□r□□□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	25,722
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□R□ 56117		□□□d□□□□□	3,791
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□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□□	0
□r□□□□□□□□ □r□□□ 0422131020000		□□r□□□r□□□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	25,217
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□R□ 56117		□□□d□□□□□	3,717
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□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	24,723
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□R□ 56117		□□□d□□□□□	3,644
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	20,594
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	24,238
		□□ □□□□□ □□□□	0
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□R□ 56117		□□□d□□□□□	3,573
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	20,190
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□ 0422131020000		□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	23,763
		□□ □□□□□ □□□□	0
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□R□ 56117		□□□d□□□□□	3,503
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□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□ 0422131020000		□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	23,297
		□□ □□□□□ □□□□	0
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□R□ 56117		□□□d□□□□	3,434
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□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	22,840
		□□ □□□□□ □□□□	0
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□R□ 56117		□□□d□□□□	3,367
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□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	22,392
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□R□ 56117		□□□d□□□□	3,301
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□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	21,953
		□□ □□□□□ □□□□	0
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□R□ 56117		□□□d□□□□	3,236
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□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	21,522
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□R□ 56117		□□□d□□□□	3,173
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□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
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□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	20,686
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Roll Year	2024	Land Value	3,080
Assessment Type	NON-QUALIFIED	Improvement Value	17,401
Tax Rate Area	56117	Fixtures Value	0
Land Use	0422131020000	Personal Property Value	0
Primary Owner	MORGAN, EARLE F	Exemption Value	0
Secondary Owner	MORGAN, SHIRLEY M	Assessed Value	20,481
		Net Taxable Value	0
		Assessed Value Less Net Taxable Value	0
		Prior Value	20,481

Roll Year	2023	Land Value	3,020
Assessment Type	NON-QUALIFIED	Improvement Value	17,060
Tax Rate Area	0	Fixtures Value	0
Land Use	0422131020000	Personal Property Value	0
Primary Owner		Exemption Value	0
Secondary Owner		Assessed Value	20,080
		Net Taxable Value	0
		Assessed Value Less Net Taxable Value	0
		Prior Value	20,080

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□R□ 0	□□□d□□□□□	740
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	4,180
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r	□□□□□□□□□□□	4,920
	□□ □□□□□□ □□□□□	0
	□□□□□□□□□□□ □□□□□	0
	□ □□□□□□□□	□□□□□

□□□r□□□□□□

□R□ 0	□□□d□□□□□	725
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	4,100
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r	□□□□□□□□□□□	4,825
	□□ □□□□□□ □□□□□	0
	□□□□□□□□□□□ □□□□□	0
	□ □□□□□□□□	□□□□□

□□□r□□□□□□

□R□ 0	□□□d□□□□□	635
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	2,890
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131020000	□□r□□□r□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r	□□□□□□□□□□□	3,525
	□□ □□□□□□ □□□□□	0
	□□□□□□□□□□□ □□□□□	0
	□ □□□□□□□□	□□□□□

□□□r□□□□□□

□R□ 0	□□□d□□□□□	600
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	2,725
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□	0
□□rr□□□□□□□□ □d□	□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□0422131020000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	□□□□□□□□□□	3,325
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
	□ □□□□□□	□□□□□

□□r□□□□ □□□□r□

□□□□□D□□□ 05/04/2004

□□□□□□r□□□□□□□ TRANSFER - 100% PER RECORDED DOCUMENT

M□□□□□r□□□ Yes

M□□□□□r□□□□□□

0422131020000 TOT-TRF

0422131030000 TOT-TRF

□□□□□D□□□ 08/22/2001

□□□□□□r□□□□□□□ TRANSFER - 100% PER RECORDED DOCUMENT

M□□□□□r□□□ Yes

M□□□□□r□□□□□□

0422131020000 TOT-TRF

0422131030000 TOT-TRF

□□□□□D□□□ 06/25/1997

□□□□□□r□□□□□□□ TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)

M□□□□□r□□□ No

M□□□□□r□□□□□□

□□□□□D□□□ 03/01/1984

□□□□□□r□□□□□□□ TRA EVENT - CHANGE TRA ON SINGLE OR MULTIPLE PARCE

M□□□□□r□□□ Yes

M□□□□□r□□□□□□

0422022090000 TRA-RNG

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□□□□□D□□□	08/16/1978	M□□□□□□r□□□□□□□
□□□□□□□r□□□□□□□	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
M□□□□□□r□□□	No	

□□□□□D□□	02/28/1973	M□□□□□□r□□□□□□	
□□□□□□r□□□□□□	CREATE - WORKED IN OLD SYSTEM (NONREPAR)		
M□□□□□r□□	No		

□ □ □□r□□□□□ □□□□r□

□ □ □□r□□□□ □□□M□□□□ □□□□□R□□□□

R□□SPOUSAL	D□□□□ □□□□□□ □□r□
□ □□□□50.0000000	20040308575
□□□□ JOINT MAIL OWNER	
□□□□□□□□□□□D□□□ 05/04/2004	
D□□□□ □□□□D□□□ 05/04/2004	
□□□□□□□□□□D□□□ NONE	

□ □ □□r□□□□ □□□M□□□□ □□□□□□□□D

R□□SPOUSAL	D□□□□ □□□□□□ □□r□
□ □□□□50.0000000	20040308575
□□□□ BILLED OWNER	
□□□□□□□□□□□D□□□ 05/04/2004	
D□□□□ □□□□D□□□ 05/04/2004	
□□□□□□□□□□D□□□ NONE	

□ □ □□r□□□□ □□□□□□□M□□□□D□□□□□D□D

R□□SOLE OWNER	D□□□□ □□□□□□ □□r□
□ □□□□100.0000000	20010382649
□□□□ BILLED OWNER	
□□□□□□□□□□□D□□□ 08/22/2001	
D□□□□ □□□□D□□□ 08/22/2001	
□□□□□□□□□□D□□□ 05/03/2004	

□ □ □□r□□□□ □□□M□R□□□□□□□□R□□□□M

R□□SOLE OWNER	D□□□□ □□□□□□ □□r□
□ □□□□100.0000000	9722432700000
□□□□ BILLED OWNER	
□□□□□□□□□□□D□□□ 08/16/1978	
D□□□□ □□□□D□□□ 06/25/1997	
□□□□□□□□□□D□□□ 08/21/2001	

□ □ □□r□□□ □□□M□R□ □ □ □□□□R□□□□

R□□UNKNOWN	D□□□□ □□□□□□ □□ □□r□
□ □□□□0.0000000	0000000000518
□□□□ BILLED OWNER	
□□□□□□□□□□□□D□□□ NONE	
D□□□□ □□□□D□□□ 08/16/1978	
□□□□□□□□□□□D□□□ 06/24/1997	

□ □ □□r□□□ □□□M□R□ □ □ □□□□□R□□□□M

R□□UNKNOWN	D□□□□ □□□□□□ □□ □□r□
□ □□□□0.0000000	0000000000518
□□□□ JOINT MAIL OWNER	
□□□□□□□□□□□□D□□□ NONE	
D□□□□ □□□□D□□□ 08/16/1978	
□□□□□□□□□□□D□□□ 06/24/1997	

□ □ □□r□□□ □□□□□□ □□□□R□□□ □□□□

R□□UNKNOWN	D□□□□ □□□□□□ □□ □□r□
□ □□□□0.0000000	
□□□□ JOINT MAIL OWNER	
□□□□□□□□□□□□D□□□ NONE	
D□□□□ □□□□D□□□ NONE	
□□□□□□□□□□□D□□□ 08/15/1978	

□ □ □□r□□□ □□□□□□ □□□□R□D□□□D

R□□UNKNOWN	D□□□□ □□□□□□ □□ □□r□
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D□□□□ □□□□D□□□ NONE	
□□□□□□□□□□□D□□□ 08/15/1978	

□□□□□□□ □□□□ □□□□□r□

□□□□□□□ □□□□D□□□□□□□□□□□□□□

R□□□□□□□	REGULAR SUPPLEMENT	□□□□□□□□□	OWNERSHIP TRANSFER
□□□□□□□□r	2004	□□□ □□□□d	5,000
R□□□□□d□□□D		□□□ □□□ □r□	20,000
□□rr□□□□d□D□□□		□d□□□□d	5,195
□□rr□□□□□□□□d□		□d□□□ □r□	10,390
□□□□□□□□□□□	SECURED	□□□ □□ □ □	0
□R□	56117	□d□□ □ □	0
□□ □□□D□□□	12/13/2004	□□□□□□ □ □	0
□□r□□□□D□□□	05/08/2005	□□□□□□□□□□	0
M□□□□□□□r□r□□□d	12	□□ □r□□□□□□□	0
□□rr□□□□□□□		□r□r□□□□□	0
□r□□□□□□□r□□□	0422131020000	□□□□r□□□□□□□ □r□□r□□□	0
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R□□□□□□□	INTERIM SUPPLEMENT	□□□□□□□□□	OWNERSHIP TRANSFER
□□□□□□□□r	2004	□□□ □□□□d	5,000
R□□□□□d□□□D		□□□ □□□ □r□	20,000
□□rr□□□□d□D□□□		□d□□□□d	5,100
□□rr□□□□□□□□d□		□d□□□ □r□	10,200
□□□□□□□□□□□	SECURED	□□□ □□ □ □	0
□R□	56117	□d□□ □ □	0
□□ □□□D□□□	12/13/2004	□□□□□□ □ □	0
□□r□□□□D□□□	05/08/2005	□□□□□□□□□□	0
M□□□□□□□r□r□□□d	1	□□ □r□□□□□□□	0
□□rr□□□□□□□		□r□r□□□□□	0
□r□□□□□□□r□□□	0422131020000	□□□□r□□□□□□□ □r□□r□□□	0
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Property D

Roll Type	REGULAR SUPPLEMENT	Transfer Type	OWNERSHIP TRANSFER
Tax Year	2001	Land	5,000
Recorded Date		Improvements	10,000
Current Owner		Personal	4,362
Current Mailing Address		Gross	24,650
Ownership Code	SECURED	Exemption	0
APN	56117	Net	0
Document Date	06/22/2002	Taxable	0
Entered Date	08/10/2002	Homeowner Exemption	0
Multiple Parcel Record	10	Veteran Exemption	0
Current Mailing Address		Other Exemption	0
Prior Assessee Name / Prior Parcel	0422131020000	Disabled Veteran Exemption / Other Exemption	0
		Net Taxable	(0)
Board Order	HICKMAN, DONALD D		
Exemption Code / Year			

PIMS PACKAGE REPORT FOR PARCEL 0422-131-03-0000

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Protected per CA. Govt. Code Sect. 6254.21

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□□r□□□□□□□□ REAL PROPERTY

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MCLAWS, APRIL L

Protected per CA. Govt. Code Sect. 6254.21

Protected per CA. Govt. Code Sect. 6254.21

□□□□□□□□□□D□□□ 07/28/2004

□□□d□□□□□□ DUPLEX

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□□□□ 7,200 TO 10,499 SQ. FEET

□□□d□□□□□ COMMERCIAL

D□□□r□□□ HESPERIA

R□□□□□r□□□ REAL PROPERTY

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□□□□ JOINT MAIL OWNER

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Document Display

TRACT 3077 LOT 25

Document Recorded or Filed In Official Records

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□R□ 56117	□□□d□□□□□□	12,545
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□□rr□□□□□□□□□□□d□	□□r□□□□r□□□□□□□□	0
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□R□ 56117	□□□d□□□□□□	12,299
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□□rr□□□□□□□□□□□d□	□□r□□□□r□□□□□□□□	0
□r□□□□□□□□□□r□□□□0422131030000	□□r□□□□r□□□□□□□□□	0
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	□□ □□□□□□□ □□□□□	0
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□R□ 56117	□□□d□□□□□	12,058
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	61,631
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
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□r□□□□□□□ □r□□□0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□	0
□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	73,689
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□R□ 56117	□□□d□□□□□	11,822
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	60,423
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
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B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□	0
□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	72,245
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□R□ 56117	□□□d□□□□□	11,701
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	59,803
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□ □□□□□□	0
□□□□□□ □□r MCLAWS, APRIL L	□□□□□□□	71,504
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□R□ 56117	□□□d□□□□□	11,472
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	58,630
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
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B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□ □□□□□□	0
□□□□□□ □□r MCLAWS, APRIL L	□□□□□□□	70,102
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□R□ 56117	□□□d□□□□□	11,247
□□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□□	57,480
□□rr□□□□□□□D□□□	□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□	0
□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	68,727
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□R□ 56117	□□□d□□□□□	11,026
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□□rr□□□□□□□D□□□	□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□	0
□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	67,379
	□□ □□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	10,810
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□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
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□r□□□□□□□ □r□□□0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□	0
□□□□□□ □□r MCLAWS, APRIL L	□□□□□□□□□	66,058
	□□ □□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	10,648
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	54,418
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
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B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□	0
□□□□□□ □□r MCLAWS, APRIL L	□□□□□□□□□	65,066
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□R□ 56117	□□□d□□□□□	10,439
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	53,352
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□□	0
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□r□□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□□	0
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□□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□	63,791
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□R□ 56117	□□□d□□□□□	10,392
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□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□	63,503
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
	□□□□□□□□	□□□□□□

PR 56117	Land Value	10,188
Situs NO	Imp Value	52,070
Current Delq	Mkt Value	0
Current Penalty	Ag Value	0
Parcel Number 0422131030000	Ag Use Value	0
Billed Owner MCLAWS, PAUL D	Timber Value	0
Current Owner MCLAWS, APRIL L	Timber Use	62,258
	Net Taxable	0
	Homestead Cap	0
	Assessed	

PR 56117	Land Value	9,988
Situs NO	Imp Value	51,049
Current Delq	Mkt Value	0
Current Penalty	Ag Value	0
Parcel Number 0422131030000	Ag Use Value	0
Billed Owner MCLAWS, PAUL D	Timber Value	0
Current Owner MCLAWS, APRIL L	Timber Use	61,037
	Net Taxable	0
	Homestead Cap	0
	Assessed	

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□R□ 56117	□□□d□□□□□	9,913
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□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	60,580
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	9,937
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	50,787
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	60,724
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	9,742
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	49,791
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□□ □r□□□0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□	0
□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□	59,533
	□□ □□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
	□□□□□□□	□□□□□□

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□R□ 56117	□□□d□□□□□	9,551
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	48,815
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□□ □r□□□0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□	0
□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□	58,366
	□□ □□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	9,364
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	47,858
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□	0
□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	57,222
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	9,180
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	46,920
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MCLAWS, PAUL D	□□□□□□□□□□□□	0
□□□□□□□ □ □□r MCLAWS, APRIL L	□□□□□□□□□□	56,100
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	5,195
□□□□□□□□ □□□YES	□□□ □r□□□□ □□□□□□□□	32,210
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□	0
B□□□□d□□□ □ □□r HICKMAN, DONALD D	□□□□□□□□□□□□□	0
□□□□□□□□ □ □r	□□□□□□□□□	37,405
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
	□ □□□□□	□□□□□

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□R□ 56117	□□□d□□□□□	5,100
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	31,620
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□	0
B□□□□d□□□ □ □□r HICKMAN, DONALD D	□□□□□□□□□□□□□	0
□□□□□□□□ □ □r	□□□□□□□□□	36,720
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
	□ □□□□□	□□□□□

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□R□ 56117		□□□d□□□□	5,000
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	31,000
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131030000		□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	HICKMAN, DONALD D	□□□□□□□□ □□□□□□	0
□□□□□□ □ □□r		□□□□□□□ □□□□	36,000
		□□ □□□□ □□□□	0
		□□□□□□□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

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□R□ 56117		□□□d□□□□	13,214
□□□□□□□ □□□YES		□□ □r□□□□ □□□□□□□	52,862
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131030000		□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□ □□□□□□	0
□□□□□□ □ □□r		□□□□□□□ □□□□	66,076
		□□ □□□□ □□□□	7,000
		□□□□□□□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

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□R□	56117	□□□d□□□□	12,955
□□□□□□□	□□□NO	□□ □r□□□□ □□□□□□□	51,825
□□rr□□□□□□	□D□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□	□d□	□□r□□r□□□□□□	0
□r□□□□□□□	0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□□□	0
□□□□□□ □ □□r		□□□□□□□□□	64,780
		□□ □□□□□ □□□□	7,000
		□□□□□□□□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

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□R□	56117	□□□d□□□□	12,701
□□□□□□□	□□□NO	□□ □r□□□□ □□□□□□□	50,809
□□rr□□□□□□	□D□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□	□d□	□□r□□r□□□□□□	0
□r□□□□□□□	0422131030000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□□□	0
□□□□□□ □ □□r		□□□□□□□□□	63,510
		□□ □□□□□ □□□□	7,000
		□□□□□□□□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

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□R□	56117	□□□d□□□□	12,471
□□□□□□□	□□□NO	□□ □r□□□□ □□□□□	49,886
□□rr□□□□□□	□D□□	□□ □r□□□□ □□□□□	0
□□rr□□□□□□	d□	□□r□□r□□□□	0
□r□□□□□□□	0422131030000	□□r□□r□□□□	0
B□□□d□□ □ □r	MORGAN, SHIRLEY M	□□□□□□□□□□	0
□□□□□□ □ □r		□□□□□□□□	62,357
		□□ □□□□ □□□	7,000
		□□□□□□□□□ □□□	0
		□□□□□	□□□□□

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□R□	56117	□□□d□□□□	12,226
□□□□□□□	□□□NO	□□ □r□□□□ □□□□□	48,908
□□rr□□□□□□	□D□□	□□ □r□□□□ □□□□□	0
□□rr□□□□□□	d□	□□r□□r□□□□	0
□r□□□□□□□	0422131030000	□□r□□r□□□□	0
B□□□d□□ □ □r	MORGAN, EARLE F	□□□□□□□□□□	0
□□□□□□ □ □r	MORGAN, SHIRLEY M	□□□□□□□□	61,134
		□□ □□□□ □□□	5,600
		□□□□□□□□□ □□□	0
		□□□□□	□□□□□

□□□r□□□□□□

□R□ 56117		□□□d□□□□□	11,986
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	47,949
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131030000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MORGAN, EARLE F	□□□□□□□□□□□□	0
□□□□□□□ □ □□r	MORGAN, SHIRLEY M	□□□□□□□□□	59,935
		□□ □□□□□ □□□□	0
		□□□□□□□□□□ □□□□	0
		□ □□□□□□□	□□□□□□

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□R□ 56117		□□□d□□□□□	11,855
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	47,423
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□□ □r□□□	0422131030000	□□r□□□r□□□□□□	0
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□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r	□□□□□□□□□□	3,650
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□□□r□□□□□□

□R□ 0	□□□d□□□□□	1,115
□□□□□□□□ □□□NO	□□□ □r□□□□□ □□□□□□□□	2,465
□□rr□□□□□□□□D□□□	□□□ □r□□□□□ □□□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131030000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r	□□□□□□□□□□	3,580
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[illegible]

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□□r□□□□ □□□□r□

□□□□□D□□□	05/04/2004	M□□□□□□r□□□□□□□
□□□□□□r□□□□□□□	TRANSFER - 100% PER RECORDED DOCUMENT	0422131020000 TOT-TRF 0422131030000 TOT-TRF
M□□□□□r□□□	Yes	

□□□□□D□□□	08/22/2001	M□□□□□r□□□□□□□
□□□□□□r□□□□□□□	TRANSFER - 100% PER RECORDED DOCUMENT	0422131020000 TOT-TRF 0422131030000 TOT-TRF
M□□□□□r□□□	Yes	

□□□□□D□□□	06/25/1997	M□□□□□r□□□□□□□
□□□□□□r□□□□□□□	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
M□□□□□r□□□	No	

□□□□□D□□□	04/30/1986	M□□□□□r□□□□□□□
□□□□□□r□□□□□□□	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
M□□□□□r□□□	No	

□□□□□D□□□	03/01/1984	M□□□□□r□□□□□□□
□□□□□□r□□□□□□□	TRA EVENT - CHANGE TRA ON SINGLE OR MULTIPLE PARCE	0422022090000 TRA-RNG 0422022100000 TRA-RNG 0422022110000 TRA-RNG 0422022120000 TRA-RNG 0422022130000 TRA-RNG 0422022140000 TRA-RNG 0422022150000 TRA-RNG 0422022160000 TRA-RNG 0422022170000 TRA-RNG 0422022180000 TRA-RNG 0422022190000 TRA-RNG 0422022200000 TRA-RNG 0422022210000 TRA-RNG 0422022220000 TRA-RNG 0422022230000 TRA-RNG 042202224B000 TRA-RNG 042202224L000 TRA-RNG 042202224L001 TRA-RNG
M□□□□□r□□□	Yes	

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□□□□□D□□□	02/28/1973	M□□□□□□□r□□□□□□□□	
□□□□□□□□r□□□□□□□□	CREATE - WORKED IN OLD SYSTEM (NONREPAR)		
M□□□□□□□r□□□	No		

□ □ □□r□□□□□ □□□□r□

□ □ □□r□□□□ □□□M□□□□ □□□□□R□□□□

R□□SPOUSAL	D□□□□ □□□□□□ □□r□
□ □□□□50.0000000	20040308575
□□□□ JOINT MAIL OWNER	
□□□□□□□□□□□D□□□ 05/04/2004	
D□□□□ □□□□D□□□ 05/04/2004	
□□□□□□□□□□D□□□ NONE	

□ □ □□r□□□□ □□□M□□□□ □□□□□□□□D

R□□SPOUSAL	D□□□□ □□□□□□ □□r□
□ □□□□50.0000000	20040308575
□□□□ BILLED OWNER	
□□□□□□□□□□□D□□□ 05/04/2004	
D□□□□ □□□□D□□□ 05/04/2004	
□□□□□□□□□□D□□□ NONE	

□ □ □□r□□□□ □□□□□□□M□□□□D□□□□□D□D

R□□SOLE OWNER	D□□□□ □□□□□□ □□r□
□ □□□□100.0000000	20010382649
□□□□ BILLED OWNER	
□□□□□□□□□□□D□□□ 08/22/2001	
D□□□□ □□□□D□□□ 08/22/2001	
□□□□□□□□□□D□□□ 05/03/2004	

□ □ □□r□□□□ □□□M□R□□□□□□□□R□□□□M

R□□SOLE OWNER	D□□□□ □□□□□□ □□r□
□ □□□□100.0000000	9722432800000
□□□□ BILLED OWNER	
□□□□□□□□□□□D□□□ 04/30/1986	
D□□□□ □□□□D□□□ 06/25/1997	
□□□□□□□□□□D□□□ 08/21/2001	

□ □ □□r□□□ □□□M□R□ □ □ □□□□R□□□□

R□□SPOUSAL	D□□□□ □□□□□□ □□r□
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D□□□□ □□□□D□□□ 04/30/1986	
□□□□□□□□□□□D□□□ 06/24/1997	

□ □ □□r□□□ □□□M□R□ □ □ □□□□R□□□□M

R□□SPOUSAL	D□□□□ □□□□□□ □□r□
□ □□□□50.0000000	8611183100000
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D□□□□ □□□□D□□□ 04/30/1986	
□□□□□□□□□□□D□□□ 06/24/1997	

□ □ □□r□□□ □□□□□□ □□□□R□□□ □□□□

R□□UNKNOWN	D□□□□ □□□□□□ □□r□
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□□□□ JOINT MAIL OWNER	
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D□□□□ □□□□D□□□ NONE	
□□□□□□□□□□□D□□□ 04/29/1986	

□ □ □□r□□□ □□□□□□ □□□□R□D□□□D

R□□UNKNOWN	D□□□□ □□□□□□ □□r□
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□□□□□□□□□□□D□□□ 04/29/1986	

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R□□□□□□□	REGULAR SUPPLEMENT	□□□□□□□□	OWNERSHIP TRANSFER
□□□□□□□□r	2004	□□□ □□□□d	9,000
R□□□□□d□□□D		□□□ □□□ □r□	46,000
□□rr□□□□d□D□□□		□ d□□□□d	5,195
□□rr□□□□□□□□d□		□ d□□□ □r□	32,210
□□□□□□□□□□	SECURED	□□□ □□ □ □	0
□R□	56117	□ d□□ □ □	0
□□ □□□D□□□	12/13/2004	□□□□□□ □ □	0
□□r□□□□D□□□	05/08/2005	□□□□□□□□□□	0
M□□□□□□□r□r□□□d	12	□□ □r□□□□□□□	0
□□rr□□□□□□□		□r□□r□□□□□	0
□r□□□□□□□r□□□	0422131030000	□□□□r□□□□□□□ □r□□r□□□	0

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B□□d□□ □ □□r MCLAWS, PAUL D

□□□□□□ □ □□r MCLAWS, APRIL L

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R□□□□□□□	INTERIM SUPPLEMENT	□□□□□□□□	OWNERSHIP TRANSFER
□□□□□□□□r	2004	□□□ □□□□d	9,000
R□□□□□d□□□D		□□□ □□□ □r□	46,000
□□rr□□□□d□D□□□		□ d□□□□d	5,100
□□rr□□□□□□□□d□		□ d□□□ □r□	31,620
□□□□□□□□□□	SECURED	□□□ □□ □ □	0
□R□	56117	□ d□□ □ □	0
□□ □□□D□□□	12/13/2004	□□□□□□ □ □	0
□□r□□□□D□□□	05/08/2005	□□□□□□□□□□	0
M□□□□□□□r□r□□□d	1	□□ □r□□□□□□□	0
□□rr□□□□□□□		□r□□r□□□□□	0
□r□□□□□□□r□□□	0422131030000	□□□□r□□□□□□□ □r□□r□□□	0

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B□□d□□ □ □□r MCLAWS, PAUL D

□□□□□□ □ □□r MCLAWS, APRIL L

□□□□□□□□ □□□□D□□□□□□□□□□□□□□□

R□□□□□□□□	REGULAR SUPPLEMENT	□□□□□□□□□□	OWNERSHIP TRANSFER
□□□□□□□□□r	2001	□□□ □□□□□d	5,000
R□□□□□d□□□D		□□□ □□□ □r□	31,000
□□rr□□□□d□D□□□		□ d□□□□d	13,214
□□rr□□□□□□□□ d□		□ d□□□ □r□	52,862
□□□□□□□□□□□□	SECURED	□□□ □□ □ □	0
□R□	56117	□ d□□ □ □	0
□□ □□□D□□□	06/22/2002	□□□□□□ □ □	0
□□□r□□□□D□□□	08/10/2002	□□□□□□□□□□□□	0
M□□□□□□□□r□r□□□d	10	□□ □r□□□□□□□□	0
□□rr□□□□□□□		□r□□r□□□□□	0
□r□□□□□□□□r□□□	0422131030000	□□□□r□□□□□□□□ □r□□r□□□	0
		□□□□□□□□	(□□□□□□)

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PIMS PACKAGE REPORT FOR PARCEL 0422-131-04-0000

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Protected per CA. Govt. Code Sect. 6254.21

□□r□□□□□□□□□□ ACTIVE

□□r□□□□□□□□□ REAL PROPERTY

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□ □ □□r□□□d□M□□□□□□□□ddr□□□ MC LAWS, PAUL

MC LAWS, APRIL

Protected per CA. Govt. Code Sect. 6254.21

Protected per CA. Govt. Code Sect. 6254.21

□□□□□□□□□□D□□□ 07/14/2003

□□□d□□□□□□ SRVICE GAR

□□□d□□□□□□□ PUBLIC PAVED

□□□□ 7,200 TO 10,499 SQ. FEET

□□□d□□□□□ COMMERCIAL

D□□□r□□□ HESPERIA

R□□□□□r□□□ REAL PROPERTY

R□□□□□□□□ COMMERCIAL ZONE OR USE

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R□□ SPOUSAL 20030373905

□ □□□□ 50.0000000

□□□□ BILLED OWNER

□□□□□□□□□□□D□□□ 06/04/2003

D□□□□ □□□□D□□□ 06/04/2003

□□□□□□□□□□D□□□ NONE

□□□ □M□□□□□ □□□□□R□□□ D□□□□ □□□□□□□□ □□r□

R□□ SPOUSAL 20030373905

□ □□□□ 50.0000000

□□□□ JOINT MAIL OWNER

□□□□□□□□□□□D□□□ 06/04/2003

D□□□□ □□□□D□□□ 06/04/2003

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3077	24				

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TRACT 3077 LOT 24

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[illegible]

[illegible]

[illegible]	56117	[illegible]	14,201
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[illegible]	[illegible]	[illegible]	0
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[illegible]	0422131040000	[illegible]	0
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[illegible]

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		[illegible]	0
		[illegible]	0
		[illegible]	[illegible]

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□R□ 56117	□□□d□□□□□	13,650
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	81,888
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MC LAWS, PAUL	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□	95,538
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	13,382
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	80,282
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MC LAWS, PAUL	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□	93,664
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	13,245
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	79,459
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	92,704
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	12,985
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	77,901
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	90,886
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	12,730
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	76,374
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MC LAWS, PAUL	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□	89,104
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
	□ □□□□	□□□□□

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□R□ 56117	□□□d□□□□□	12,480
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	74,876
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MC LAWS, PAUL	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□	87,356
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
	□ □□□□	□□□□□

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□R□ 56117	□□□d□□□□□	12,235
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	73,408
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	85,643
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	12,051
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	72,305
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
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B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	84,356
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
	□ □□□□□□□	□□□□□□

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□R□ 56117	□□□d□□□□□	11,815
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	70,889
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
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B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	82,704
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	11,762
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	70,569
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	82,331
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	11,531
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	69,185
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	80,716
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□□□r□□□□□□

□R□ 56117	□□□d□□□□□	11,305
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	67,828
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	79,133
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	11,221
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	67,321
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□	0
□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	78,542
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	11,248
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	67,481
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□	0
□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	78,729
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	11,027
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	66,158
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MC LAWS, PAUL	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□	77,185
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	10,811
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	64,861
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r MC LAWS, PAUL	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□	75,672
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	10,599
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	63,589
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	74,188
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	10,391
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	62,342
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	72,733
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	10,187
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	61,120
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MC LAWS, PAUL	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MC LAWS, APRIL	□□□□□□□□□□	71,307
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	10,200
□□□□□□□□ □□□YES	□□□ □r□□□□ □□□□□□□□	40,800
□□rr□□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r MEEUSEN, DARROW	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MEEUSEN, TINA	□□□□□□□□□□	51,000
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
	□ □□□□□□□	□□□□□□

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□R□	56117	□□□d□□□□	14,595
□□□□□□□ □□□	YES	□□ □r□□□□ □□□□□□□	35,975
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□ □r□□□	0422131040000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MATTHIESEN, CHARLES C	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r		□□□□□□□ □□□□	50,570
		□□ □□□□ □□□□	0
		□□□□□□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

□□□r□□□□□

□R□	56117	□□□d□□□□	14,309
□□□□□□□ □□□	NO	□□ □r□□□□ □□□□□□□	35,270
□□rr□□□□□□ □D□□□	03/13/2002	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	525N	□□r□□□r□□□□□□	0
□r□□□□□□□ □r□□□	0422131040000	□□r□□□r□□□□□□	0
B□□□d□□ □ □□r	MATTHIESEN, CHARLES C	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r		□□□□□□□ □□□□	49,579
		□□ □□□□ □□□□	0
		□□□□□□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

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□R□	56117	□□□d□□□□□	14,028
□□□□□□□□	□□□NO	□□□ □r□□□□ □□□□□□□□	34,578
□□rr□□□□□□□D□□□	03/13/2002	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	525N	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□	0422131040000	□□r□□□r□□□□□□□	0
B□□□□d□□□ □ □□r	MATTHIESEN, CHARLES C	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r		□□□□□□□□□□□	48,606
		□□ □□□□□□ □□□□□	0
		□□□□□□□□□□ □□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

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□R□	56117	□□□d□□□□□	13,753
□□□□□□□□	□□□NO	□□□ □r□□□□ □□□□□□□□	33,900
□□rr□□□□□□□D□□□	03/13/2002	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	525N	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□	0422131040000	□□r□□□r□□□□□□□	0
B□□□□d□□□ □ □□r	MATTHIESEN, CHARLES C	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r		□□□□□□□□□□□	47,653
		□□ □□□□□□ □□□□□	0
		□□□□□□□□□□ □□□□ □□□□	0
		□ □□□□ □□□□	□□□□□□

□□□r□□□□□

□R□	56117	□□□d□□□□	13,503
□□□□□□□ □□□	NO	□□ □r□□□□ □□□□□	33,284
□□rr□□□□□ □D□□	03/13/2002	□□ □r□□□□ □□□□□	0
□□rr□□□□□ □□ d□	525N	□□r□□r□□□□	0
□r□□□□□□□ □r□□	0422131040000	□□r□□r□□□□	0
B□□□d□□ □ □□r	MATTHIESEN, CHARLES C	□□□□□□ □□□□□	0
□□□□□□ □ □r		□□□□□□ □□□□	46,787
		□□ □□□□ □□□□	0
		□□□□□□□□ □□□□	0
		□□□□	□□□□

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□R□	56117	□□□d□□□□	13,238
□□□□□□□ □□□	NO	□□ □r□□□□ □□□□□	32,631
□□rr□□□□□ □D□□		□□ □r□□□□ □□□□□	0
□□rr□□□□□ □□ d□		□□r□□r□□□□	0
□r□□□□□□□ □r□□	0422131040000	□□r□□r□□□□	0
B□□□d□□ □ □□r	MATTHIESEN, CHARLES C	□□□□□□ □□□□□	0
□□□□□□ □ □r	MATTHIESEN, TOSHI	□□□□□□ □□□□□	45,869
		□□ □□□□ □□□□	0
		□□□□□□□□ □□□□	0
		□□□□	□□□□

□□□r□□□□□□

□R□ 56117		□□□d□□□□□	12,978
□□□□□□□□ □□□NO		□□□ □r□□□□ □□□□□□□□	31,991
□□rr□□□□□□□□D□□□		□□□ □r□□□□ □□□□□□□□□	0
□□rr□□□□□□□□□□d□		□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□□	0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	MATTHIESEN, CHARLES C	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r	MATTHIESEN, TOSHI	□□□□□□□□□□	44,969
		□□ □□□□□□ □□□□	0
		□□□□□□□□□□□□ □□□□	0
		□ □□□□□□□□	□□□□□□□

□□□r□□□□□□

□R□ 56117		□□□d□□□□□	12,835
□□□□□□□□ □□□NO		□□□ □r□□□□ □□□□□□□□	31,640
□□rr□□□□□□□□D□□□		□□□ □r□□□□ □□□□□□□□□	0
□□rr□□□□□□□□□□d□		□□r□□□r□□□□□□□	0
□r□□□□□□□□□r□□□□	0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	MATTHIESEN, CHARLES C	□□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r	MATTHIESEN, TOSHI	□□□□□□□□□□	44,475
		□□ □□□□□□ □□□□	0
		□□□□□□□□□□□□ □□□□	0
		□ □□□□□□□□	□□□□□□□

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□R□ 56117		□□□d□□□□	12,684
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	31,268
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000		□□r□□□r□□□□□□	0
B□□□d□□ □ □□r MATTHIESEN, CHARLES C		□□□□□□□□□□□□	0
□□□□□□□ □ □□r MATTHIESEN, TOSHI		□□□□□□□□□	43,952
		□□ □□□□□ □□□□	0
		□□□□□□□□□ □□□□	0
		□ □□□□□	□□□□□

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□R□ 56117		□□□d□□□□	12,435
□□□□□□□ □□□NO		□□ □r□□□□ □□□□□□□	30,655
□□rr□□□□□□ □D□□□		□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□		□□r□□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000		□□r□□□r□□□□□□	0
B□□□d□□ □ □□r MATTHIESEN, CHARLES C		□□□□□□□□□□□□	0
□□□□□□□ □ □□r MATTHIESEN, TOSHI		□□□□□□□□□	43,090
		□□ □□□□□ □□□□	0
		□□□□□□□□□ □□□□	0
		□ □□□□□	□□□□□

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□R□ 56117	□□□d□□□□	12,191
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	30,054
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□	42,245
	□□ □□□□□ □□□□	0
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□R□ 56117	□□□d□□□□	11,952
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	29,465
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□	41,417
	□□ □□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	11,718
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	28,887
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□□□□	40,605
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□□	11,488
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	28,321
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□□□□	39,809
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□	11,263
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	27,766
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□ □□□	39,029
	□□ □□□□□ □□□	0
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□R□ 56117	□□□d□□□□	11,042
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	27,222
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r	□□□□□□□ □□□□□□	0
□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□ □□□	38,264
	□□ □□□□□ □□□	0
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□R□ 56117	□□□d□□□□□	10,825
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	26,688
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□□□□	37,513
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
	□ □□□□ □□□□	□□□□□□

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□R□ 56117	□□□d□□□□□	10,613
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	26,165
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□□□□	36,778
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□□ □□□□	0
	□ □□□□ □□□□	□□□□□□

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□R□ 56117	□□□d□□□□	10,405
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	25,652
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r	□□□□□□□□	0
□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□□	36,057
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
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□R□ 56117	□□□d□□□□	10,201
□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□	25,149
□□rr□□□□□□ □D□□□	□□ □r□□□□ □□□□□□□	0
□□rr□□□□□□□□ □d□	□□r□□r□□□□□□	0
□r□□□□□□□□ □r□□□0422131040000	□□r□□r□□□□□□	0
B□□□d□□ □ □□r	□□□□□□□□	0
□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□□	35,350
	□□ □□□□□ □□□□	0
	□□□□□□□□□ □□□□	0
	□ □□□□	□□□□□

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□R□ 56117	□□□d□□□□□	10,100
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	24,900
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r MATTHIESEN, TOSHI	□□□□□□□□□	35,000
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
	□ □□□□□	□□□□□

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□R□ 0	□□□d□□□□□	4,860
□□□□□□□□ □□□NO	□□□ □r□□□□ □□□□□□□□	9,000
□□rr□□□□□□□D□□□	□□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□□	0
B□□□□d□□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□□ □ □□r	□□□□□□□□□	13,860
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
	□ □□□□□	□□□□□

□□□r□□□□□□

□R□ 0	□□□d□□□□□	1,165
□□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□□	2,160
□□rr□□□□□□□D□□□	□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□	0
B□□□□d□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□ □ □□r	□□□□□□□□□□□	3,325
	□□ □□□□□□ □□□□	0
	□□□□□□□□□□ □□□□	0
	□ □□□□□□□	□□□□□

□□□r□□□□□□

□R□ 0	□□□d□□□□□	1,140
□□□□□□□□ □□□NO	□□ □r□□□□ □□□□□□□□	2,120
□□rr□□□□□□□D□□□	□□ □r□□□□ □□□□□□□□	0
□□rr□□□□□□□□□d□	□□r□□□r□□□□□□□	0
□r□□□□□□□□r□□□0422131040000	□□r□□□r□□□□□□□	0
B□□□□d□□ □ □□r	□□□□□□□□□□□□□	0
□□□□□□□ □ □□r	□□□□□□□□□□□	3,260
	□□ □□□□□□ □□□□	0
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□□□□□D□□□ 06/04/2003

□□□□□□r□□□□□□□ TRANSFER - 100% PER RECORDED DOCUMENT

M□□□□□r□□□ No

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□□□□□D□□□ 01/28/2002

□□□□□□r□□□□□□□ TRANSFER - 100% PER RECORDED DOCUMENT

M□□□□□r□□□ No

M□□□□□r□□□□□□□

□□□□□D□□□ 09/27/1992

□□□□□□r□□□□□□□ TRANSFER - 100% PER RECORDED DOCUMENT

M□□□□□r□□□ No

M□□□□□r□□□□□□□

□□□□□D□□□ 03/01/1984

□□□□□□r□□□□□□□ TRA EVENT - CHANGE TRA ON SINGLE OR MULTIPLE PARCE

M□□□□□r□□□ Yes

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□□□□□D□□□	03/26/1981	M□□□□□□r□□□□□□□
□□□□□□□r□□□□□□□	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
M□□□□□□r□□□	No	

□□□□□D□□□	02/28/1979	M□□□□□□□r□□□□□□□
□□□□□□□r□□□□□□□	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
M□□□□□□□r□□□	No	

□□□□□D□□□	02/28/1977	M□□□□□□□r□□□□□□□
□□□□□□□r□□□□□□□	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
M□□□□□□□r□□□	No	

□□□□□D□□□	02/28/1973	M□□□□□□□r□□□□□□□
□□□□□□□r□□□□□□□	CREATE - WORKED IN OLD SYSTEM (NONREPAR)	
M□□□□□□□r□□□	No	

□ □ □□r□□□□□□□□r□

□ □ □□r□□□□ □□□M□□□□□ □□□□R□□□

R□□SPOUSAL

□ □□□□50.0000000

□□□□ JOINT MAIL OWNER

□□□□□□□□□□□D□□□ 06/04/2003

D□□□□ □□□□D□□□ 06/04/2003

□□□□□□□□□□D□□□ NONE

D□□□□ □□□□□□□ 20030373905

□ □ □□r□□□□ □□□M□□□□□ □□□□□□□□

R□□SPOUSAL

□ □□□□50.0000000

□□□□ BILLED OWNER

□□□□□□□□□□□D□□□ 06/04/2003

D□□□□ □□□□D□□□ 06/04/2003

□□□□□□□□□□D□□□ NONE

D□□□□ □□□□□□□ 20030373905

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R□□SPOUSAL

□ □□□□50.0000000

□□□□ BILLED OWNER

□□□□□□□□□□□D□□□ 01/28/2002

D□□□□ □□□□D□□□ 01/28/2002

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D□□□□ □□□□□□□ 20020041660

□ □ □□r□□□□ □□□M□□□□□□□□□□□□□

R□□SPOUSAL

□ □□□□50.0000000

□□□□ JOINT MAIL OWNER

□□□□□□□□□□□D□□□ 01/28/2002

D□□□□ □□□□D□□□ 01/28/2002

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D□□□□ □□□□□□□ 20020041660

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R□□SOLE OWNER	D□□□□ □□□□□□ □□r□
□ □□□□100.0000000	20020041659
□□□□ BILLED OWNER	
□□□□□□□□□□□D□□□ 03/26/1981	
D□□□□ □□□□D□□□ 01/28/2002	
□□□□□□□□□□D□□□ 01/27/2002	

□ □ □□r□□□ □□□M□□□□□□□□□□□R□□□□□

R□□SPOUSAL	D□□□□ □□□□□□ □□r□
□ □□□□50.0000000	8106473100000
□□□□ BILLED OWNER	
□□□□□□□□□□□D□□□ NONE	
D□□□□ □□□□D□□□ 03/26/1981	
□□□□□□□□□□D□□□ 09/26/1992	

□ □ □□r□□□ □□□M□□□□□□□□□□□□ □□□□

R□□SPOUSAL	D□□□□ □□□□□□ □□r□
□ □□□□50.0000000	8106473100000
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D□□□□ □□□□D□□□ 03/26/1981	
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□ □ □□r□□□ □□□□ □□□□□□M□R□□□□

R□□UNKNOWN	D□□□□ □□□□□□ □□r□
□ □□□□0.0000000	
□□□□ JOINT MAIL OWNER	
□□□□□□□□□□□D□□□ NONE	
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□□□□□□□□□□D□□□ 03/25/1981	

□ □ □□r□□□□□□□□□□□□□□R□□□RD□M

R□□UNKNOWN

D□□□□□□□□□□□□□□r□

□ □□□□0.0000000

□□□□□ BILLED OWNER

□□□□□□□□□□□□□D□□□□ NONE

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R□□SOLE OWNER

D□□□□□□□□□□□□□□r□

□ □□□□0.0000000

□□□□□ BILLED OWNER

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R□□CONTRACT PURCHASER

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□ □□□□0.0000000

□□□□□ OTHER OWNER

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[illegible] [illegible]

[illegible] [illegible]

[illegible]	REGULAR SUPPLEMENT	[illegible]	OWNERSHIP TRANSFER
[illegible]	2003	[illegible]	10,000
[illegible]		[illegible]	60,000
[illegible]		[illegible]	10,200
[illegible]		[illegible]	40,800
[illegible]	SECURED	[illegible]	0
[illegible]	56117	[illegible]	0
[illegible]	03/06/2004	[illegible]	0
[illegible]	05/08/2004	[illegible]	0
[illegible]	12	[illegible]	0
[illegible]		[illegible]	0
[illegible]	0422131040000	[illegible]	0
		[illegible]	[illegible]

[illegible] MC LAWS, PAUL

[illegible] MC LAWS, APRIL

[illegible] [illegible]

[illegible]	REGULAR SUPPLEMENT	[illegible]	OWNERSHIP TRANSFER
[illegible]	2002	[illegible]	10,000
[illegible]		[illegible]	40,000
[illegible]		[illegible]	14,595
[illegible]		[illegible]	35,975
[illegible]	UNSECURED	[illegible]	0
[illegible]	56117	[illegible]	0
[illegible]	06/06/2003	[illegible]	0
[illegible]	08/11/2003	[illegible]	0
[illegible]	12	[illegible]	0
[illegible]		[illegible]	0
[illegible]	0422131040000	[illegible]	0
		[illegible]	(illegible)

[illegible] MEEUSEN, DARROW

[illegible] MEEUSEN, TINA

[illegible]

[illegible]	INTERIM SUPPLEMENT	[illegible]	OWNERSHIP TRANSFER
[illegible]	2002	[illegible]	10,000
[illegible]		[illegible]	40,000
[illegible]		[illegible]	14,309
[illegible]		[illegible]	35,270
[illegible]	UNSECURED	[illegible]	0
[illegible]	56117	[illegible]	0
[illegible]	06/06/2003	[illegible]	0
[illegible]	08/11/2003	[illegible]	0
[illegible]	5	[illegible]	0
[illegible]		[illegible]	0
[illegible]	0422131040000	[illegible]	0
		[illegible]	[illegible]

[illegible]	MEEUSEN, DARROW
[illegible]	MEEUSEN, TINA

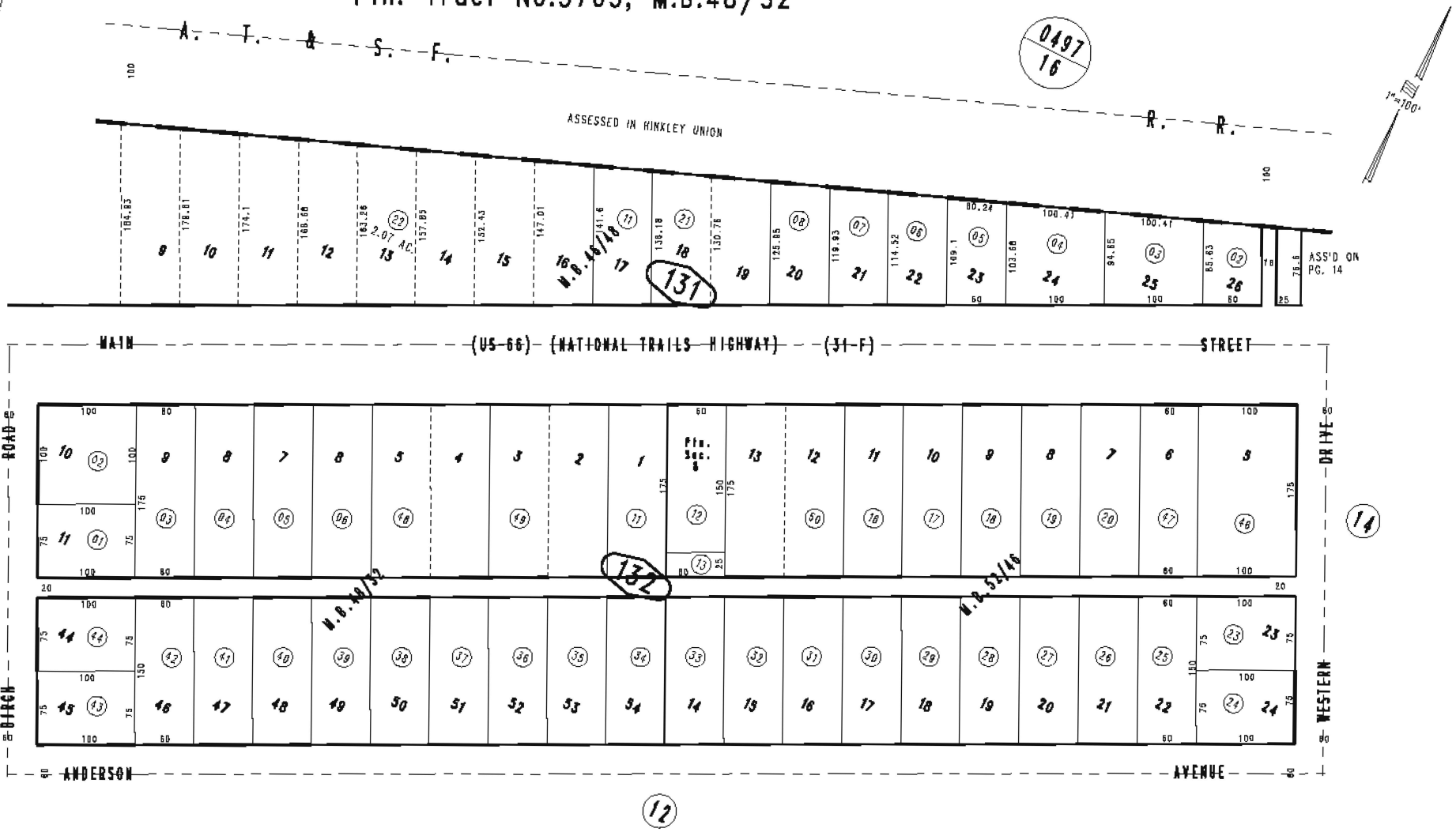
THIS MAP IS FOR THE PURPOSE OF AD VALOREM TAXATION ONLY.

Ptn. S.E.1/4 Sec.8, & Ptn. N.E.1/4 Sec.17, T.9N.,R.2W., S.B.B.&M.
Ptn. Tract No.4126, M.B.52/46
Ptn. Tract No.3077, M.B.46/48
Ptn. Tract No.3705, M.B.48/32

0497 / 18

Barstow Unified
Tax Rate Area
56117

0422 - 13



October 2003

Assessor's Map
Book 0422 Page 13
San Bernardino County

REVISED
05/18/10 KA

PHASE I ENVIRONMENTAL SITE ASSESSMENT
USER QUESTIONNAIRE

Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process

the party seeking to use Practice E 1527 to complete an environmental site assessment of the Site. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager

Date: 01/02/2025

Company: BNSF Jobi Cherian

Address: BNSF Railway, Fort Worth TX 76131

Telephone No.: 817-352-2939

E-mail Address: Jobi.Cherian@BNSF.com

Signature: _____

Site Name & Address:

25600, 25616, and 25644 W. Main Street, Barstow, CA 92311 /
APN(s): 0422-131-02, 0422-131-03, and 0422-131-04

Purpose of ASTM Phase I (potential purchase, potential sale, re-finance, update the environmental condition of the Site, Lease termination or initiation, etc.)

(1.) Environmental cleanup liens that are filed or recorded against the Site (40 CFR 312.25)

Yes	No
☐	☐

(2.) Activity and land use limitations (AULs) that are in place on the Site or that have been filed or recorded against the Site (40 CFR 312.26(a)(1)(v) and (vi))

[illegible]

Yes ☐ No ☐

(3.) Specialized knowledge or experience of the person seeking to qualify for the *Landowner Liability Protection* (LLP) (40 CFR 312.28)

[illegible]

Yes ☐ No ☐

(4.) Relationship of the purchase price to the fair market value of the Site property (40 CFR 312.29)

[illegible]

Yes ☐ No ☐

(5.) *Commonly known* or *reasonably ascertainable* information regarding the Site property (40 CFR 312.30)

[illegible]

Yes ☐ No ☐

(6.) **The degree of obviousness of the presence or likely presence of contamination at the Site, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**

[illegible]

Yes	No
☐	☐

(7.) **Proceedings Involving the Site**

[illegible]

Yes	No
☐	☐

(8.) **Questions Regarding Helpful Documents**

[illegible]

	Yes	No
[illegible]	☐	☐
- [illegible]	☐	☐
- [illegible]	☐	☐
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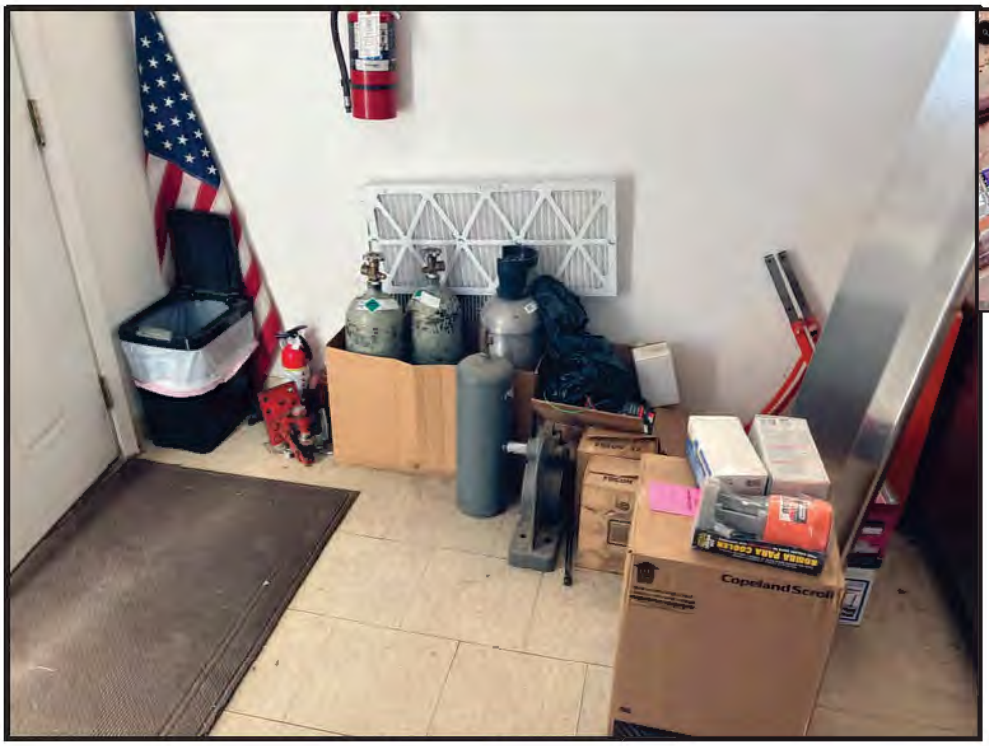
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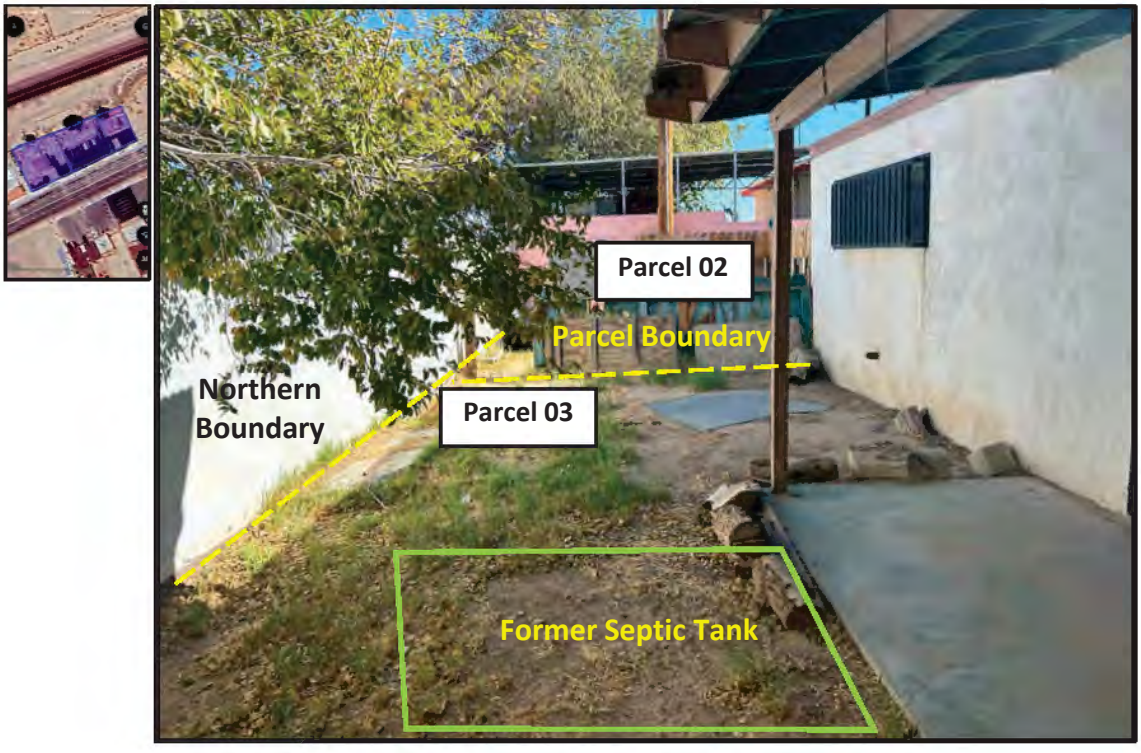
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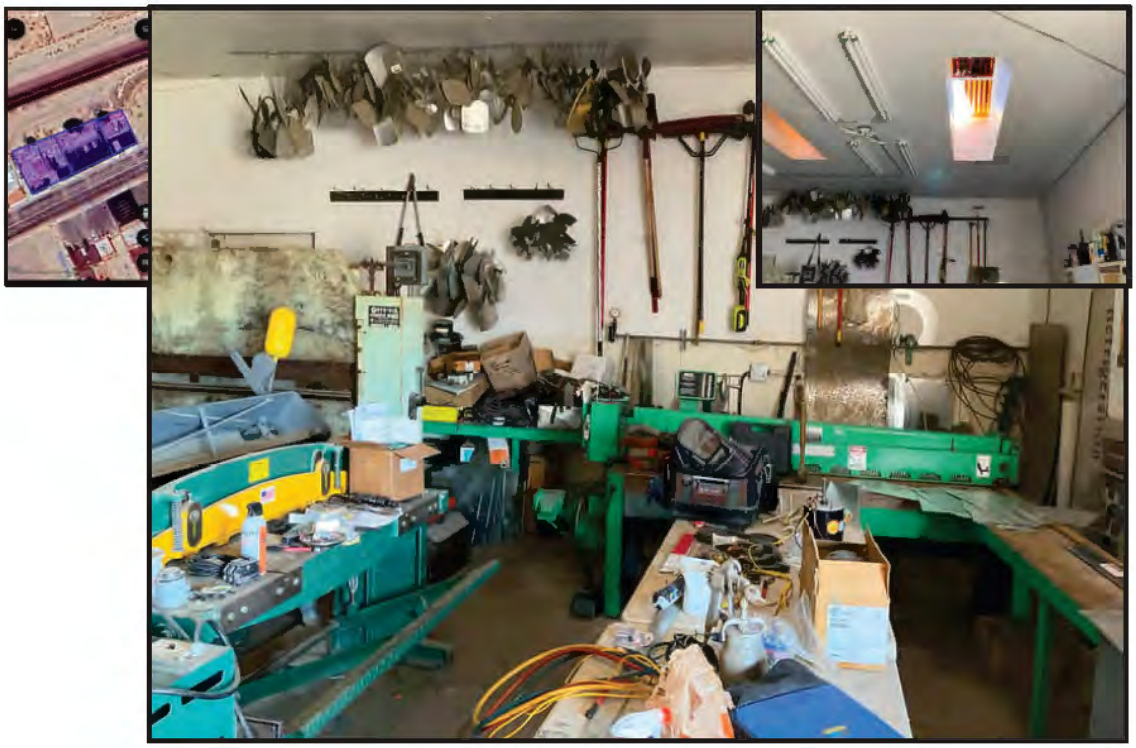

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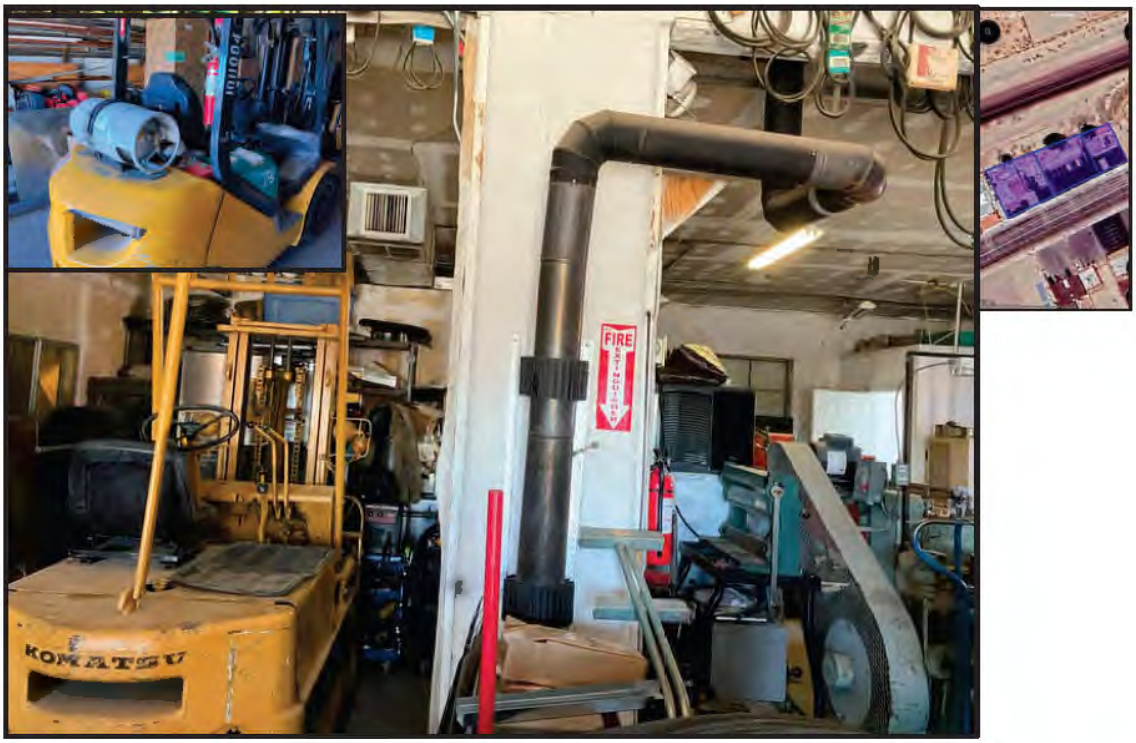
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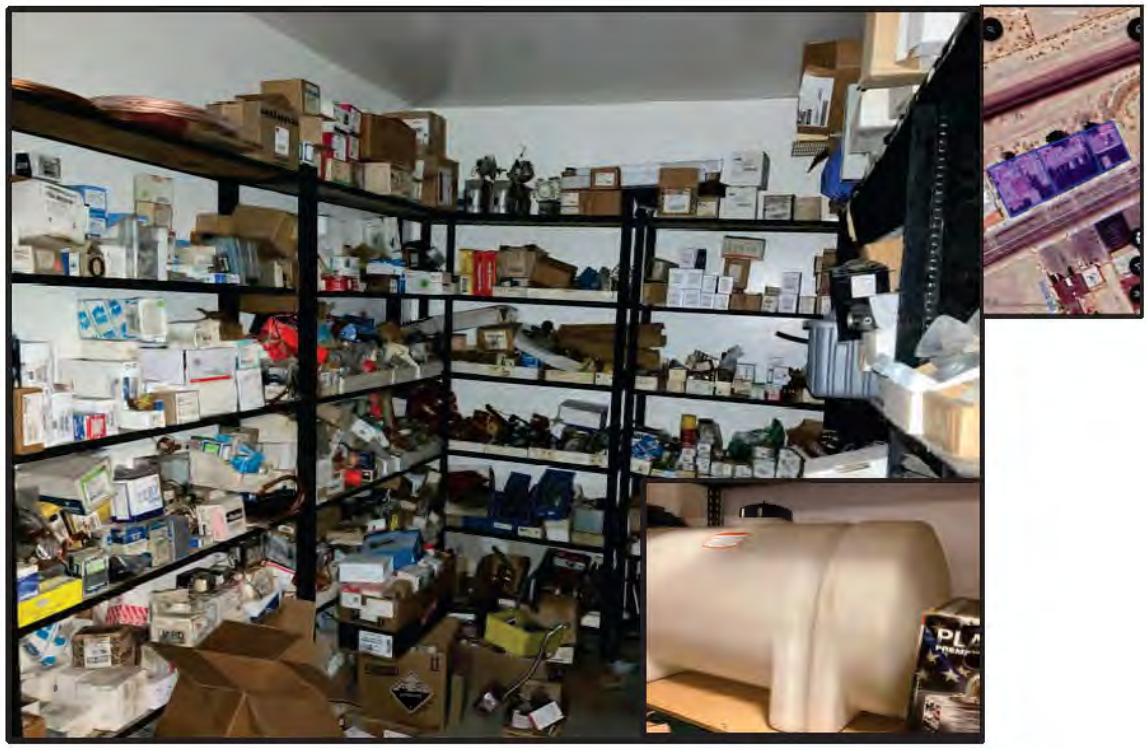

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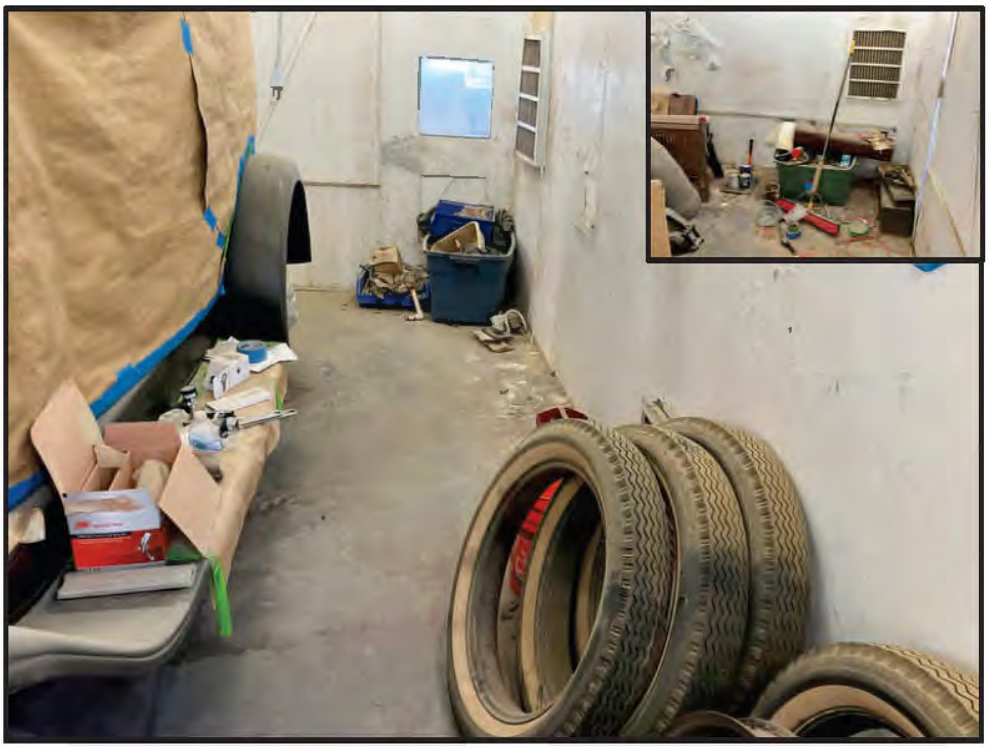

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[illegible]

[illegible]

B.S., Environmental Science, University of California Santa Cruz, 2022

[illegible]

Mr. Daniel Aguilar has environmental technical experience in the following general areas:

- Stormwater Pollution Prevention Plan Inspections
- Stormwater and Groundwater Sampling

[illegible]

Mr. Aguilar has over a year of experience in the environmental industry, focusing on groundwater sampling, Environmental Site Assessments, EPA Phase I report preparation, and stormwater pollution prevention plan inspections. His experience in the management of groundwater remediation projects includes overseeing groundwater well development.

[illegible]

Mr. Aguilar has served as a part of the remedial investigations team for the Los Angeles County Sanitation District, acting as a site safety officer and overseeing, well development, handling samples, and managing the chain of custody of the samples for laboratory analysis.

[illegible]

- OSHA 40-Hour Health and Safety Training, August 2023
- e-RAILSAFE Certified, Railroad Safety Trained (BNSF, UPRR), June 2024
- CPR Certification, August 2023

[illegible]

[illegible]

B.S., Geological Sciences, University of California, Santa Barbara, 2011

[illegible]

Qualified Industrial Storm Water Practitioner, (#00238)

Scrap Metal Qualified Storm Water Developer, (#SM-QSD-093)

[illegible]

Mr. Jose Maldonado has environmental technical experience in the following general areas:

- Phase I and II Environmental Site Assessment (ESA) and Due Diligence
- Soil and Groundwater Remedial Investigations
- Work Plan Preparation
- Health and Safety Oversight
- Sub-contractor and Construction Oversight
- Storm Water Pollution Prevention Plan Development
- Exceedance Response Action Site Assessment and Characterization
- Hazardous Material Business Plan Preparation
- Spill Prevention, Control, and Countermeasures
- Regulatory Compliance and Permitting

[illegible]

Mr. Maldonado has eight years of experience and progressive responsibility in the environmental engineering industry focusing on site assessment, remediation, and environmental compliance. His experience includes Phase I report preparation and Phase II implementation, soil and groundwater characterization, remedial investigations, Storm Water Pollution Prevention Plan (SWPPP) implementation, chemical inventory for Hazardous Material Business Plans (HMBP) / Spill Prevention Control and Countermeasure (SPCC), health and safety, and construction oversight. His qualifications include experience with project and portfolio management, field investigation services including: direct supervision of soil and groundwater assessment and remediation, sub-contractor oversight, technical report writing, laboratory data QA/QC, regulatory compliance, acquisition of permits, data analysis/interpretation, and field coordination/training. Mr. Maldonado's additional duties include preparation of site investigation work plans, sample collection and processing, data evaluation, county-specific environmental compliance, site specific safety plans, and traffic control plans.

[illegible]

Mr. Maldonado works with the BNSF Real Estate Department to complete environmental site inspections for a portfolio that includes over 100 sites located throughout the Southern California and the Inland Empire regions. His responsibilities include coordinating access with property owners, completing Phase I and II ESAs for property acquisitions, and project management activities. Additionally, Mr. Maldonado was part of a rapid response team tasked with an expedited site assessment and excavation after a train derailment in the City of Devore. His responsibilities included on-site coordination with property owners,

directing the Hazardous Material Response Team activities, supervision of drilling sub-contractor activities (confirmation soil borings, soil vapor probe and biovent well installation), soil classification, soil sampling, sample coordination with laboratory and waste disposal sub-contractors.

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Mr. Maldonado was part of the due diligence team responsible for the acquisition of the former Maier Brewing Company located in the City of Los Angeles. His tasks included communication and coordination with the former property owner, the Phase I ESA and public records search, and Phase II implementation and report preparation. Mr. Maldonado was also part of the remedial investigation to further delineate and evaluate off-site soil gas concentrations at a former dry-cleaning operation in the City of Los Angeles. The assessment activities were conducted to investigate the presence of chlorinated volatile organic compounds in soil, groundwater, and soil gas and determine the potential environmental health risk in neighboring residential and commercial properties. Mr. Maldonado also served as the clean-up Supervisor for the homeless encampment program. His responsibilities included oversight of postings, scheduling and coordinating with local law enforcement, implementation of clean-up procedures, health and safety, and sub-contractor oversight related to cleanup activities. Additionally, Mr. Maldonado has experience in construction projects that includes: supervision of Underground Storage Tank (USTs) removals and Above Ground Storage Tank (ASTs) installation, dust control monitoring, traffic control management, and sub-contractor coordination.

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Mr. Maldonado served as the lead Environmental Professional and conducted multiple site inspections as part of the Pier B On-Dock Rail Expansion Project. His responsibilities included site reconnaissance to document visual observations and interviews with site contact(s) or Site owner’s representative. Mr. Maldonado helped prepare Phase I ESAs in accordance with ASTM, summarizing the findings and conclusions based on the site reconnaissance and interview(s), EDR reports, and previously prepared environmental documents for the site. Additionally, Mr. Maldonado serves as the primary Project Geologist for multiple schools in the greater Los Angeles area. His responsibilities include: sub-contractor oversight for surveying, geophysical utility clearance, excavation, paving, and drilling. Additional duties include, health and safety oversight, dust monitoring in accordance with South Coast Air Quality Management District (SCAQMD) Rule 1466, soil and groundwater sampling.

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- OSHA 40-Hour Hazardous Waste Health and Safety Training, 29 CFR 1910.120, 2016
- OSHA 10-Hour Construction Safety and Health, 2022
- OSHA 30-Hour Construction Safety and Health, 2019
- e-RAILSAFE Certified, Railroad Safety Trained (BNSF), 2022
- Metro Rail Safety and Wayside Worker Protection Trained, 2022
- CPR, AED, and First Aid Certified, 2019
- Fugitive Dust Certified (AQMD), 2021
- CSREGS: DOT Hazmat Transportation, 2023

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(1) a person who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see §312.1(c)) on, at, in, or to a property, sufficient to meet the objectives and performance factors in §312.20(e) and (f).

(2) Such a person must: (i) hold a current Professional Engineer's or Professional Geologist's license or registration from a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) and have the equivalent of 3 years of full-time relevant experience; or (ii) be licensed or certified by the federal government, a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries as defined in §312.21 and have the equivalent of 3 years of full-time relevant experience; or (iii) have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience; or (iv) have the equivalent of 10 years of full-time relevant experience.

(3) An environmental professional should remain current in his or her field through participation in continuing education or other activities.

(4) The definition of environmental professional provided above does not preempt state professional licensing or registration requirements such as those for a professional geologist, engineer, or site remediation professional. Before commencing work, a person should determine the applicability of state professional licensing or registration laws to the activities to be undertaken as part of the inquiry identified in §312.21(b).

(5) A person who does not qualify as an environmental professional under the foregoing definition may assist in the conduct of all appropriate inquiries in accordance with this part if such person is under the supervision or responsible charge of a person meeting the definition of an environmental professional provided above when conducting such activities.

Relevant experience, as used in the definition of environmental professional in this section, means: participation in the performance of all appropriate inquiries investigations, environmental site assessments, or other site investigations that may include environmental analyses, investigations, and remediation which involve the understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions and for which professional judgment was used to develop opinions regarding conditions indicative of releases or threatened releases (see §312.1(c)) to the subject property. TRC personnel resume(s) are included in □□□□□**d**□□□.

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in §312.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature of Environmental Professional: Joe Maldonado Date: 01/15/2025

ATTACHEMENT F

PHASE II ESA

December 28, 2022 Project No. 525347

Mr. Mark Engdahl
Director Real Estate and Environmental Project Controls
BNSF Railway Company
2500 Lou Menk Drive
Fort Worth, Texas 76131-2828

Phase II Soil Sampling Results
Barstow Strategic – Rowe Property
23222 Hinkley Road
Barstow, California 92311

Dear Mr. Engdahl:

This report summarizes the results of the Phase II investigation completed at the De La Rosa Property associated with the Barstow Strategic acquisition located near Barstow, California (Site). Figure 1 shows the Site location.

The Scope of Work is based on the results of the site inspection completed on December 5, 2022, as part of the Phase I Environmental Site Assessment (ESA) and our subsequent discussion on December 8, 2022.

1.0 BACKGROUND

1. The Rowe property is approximately 5.28 acres and is a residential property with a single-story structure, a storage warehouse, a storage shed, two domestic wells, a fire suppressant water Above Ground Storage Tank (ASTs), and livestock enclosures. To support the property owner's concrete business, there are various materials, equipment, and two 1,000-gallon diesel ASTs from the property owner's concrete business have been observed throughout the Site.

2. Three RECs were identified in the Phase I ESA:

    - The ASTs refueling area. Surface soil staining was observed adjacent to the diesel ASTs during the site inspection. The property owner reported that the observed soil staining was from spills during their company's fleet vehicle refueling.
    - Various stockpiles located on the eastern area of the property and dirt bike course area. The property owner reported that the various stockpiles were collected from various areas in Barstow.
    - Surface staining located by the storage container north of the warehouse and a 5-gallon bucket west of the storage warehouse was observed. The staining may be associated with fueling concrete handling tools and motor oil waste storage. This surface staining could potentially be considered *de minimis* due to the limited lateral extent and footprint of the staining.

3. Soil samples were collected and analyzed from the various stockpiles and the staining by the diesel ASTs and the. These activities and results are described below.

2.0 PHASE II INVESTIGATION

1. The scope of work included:
    - Hand auger one soil boring to 8-ft bgs – Boring B-1.
    - Collect 5 stockpile samples based on the likeness of soil type – SC-1, -2, -3, and -4
    - Collect a sample from the dirt bike course – SCB.

2. Soil sampling from the soil boring and stockpiles was completed on December 9, 2022. The boring location and stockpile locations are shown in Figure 2 and in the Photo Log. The rationale for the sampling locations is summarized below.

AREA	SAMPLES	SAMPLE DEPTH	COMMENT
Diesel ASTs (Surface staining)	B-1	8-ft total depth	Surface staining, sampled at 1-ft, 3-ft, 5-ft, 8-ft below ground surface (bgs).
Various Stockpile (SC) & Dirt Bike Course (SCB)	– SC-1	5-point composite	– Sand, yellowish brown, some gravel, well graded, concrete debris
	– SC-2		– Sand, light brown, with gravel, poorly graded
	– SC-3		– Sand, greyish brown, some gravel, well graded
	– SC-4		– Sand, light greyish brown, fine-grained, some gravel, poorly graded
	– SCB-1		– Sand, greyish brown sand with gravel, poorly graded

3. A Health and Safety Plan (HSP) was developed to address Site-specific health and safety issues during the implementation of the work including potential contaminants of concern, personal protective equipment, and the location of the nearest hospital. The HSP was reviewed with onsite personnel prior to initiating field activities.

2.2 SOIL SAMPLING

1. One soil boring (B-1) was hand-augered and encountered refusal at 8-ft bgs on December 9, 2022, to investigate the surface staining located by the diesel ASTs. Soil grab samples were collected at 1-ft, 3-ft, 5-ft, and 8-ft bgs and field screened for volatile organic compounds (VOCs). Samples for VOCs analyses were collected using a 5035 sampler. Soil for additional analyses was collected in laboratory-provided containers from the hand-auger bucket. The soil lithology and observations were recorded on the boring logs. The boring logs are included in Attachment B.

2. Five five-point composite samples were collected based on field observation of the various stockpile on December 9, 2022, due to the unknown origin of the stockpiles. See Figure 2 and Photologs.

Samples for VOCs analyses were collected using a laboratory provided 5035 samplers. Soil for additional analyses was collected in laboratory-provided containers from the hand-auger bucket.

3. The samples were sealed, labeled, and placed in an iced cooler and delivered under Chain-of-Custody to a state-certified laboratory.

3.0 LABORATORY ANALYSES AND RESULTS

1. The soil samples from each sample location were analyzed by a state-certified laboratory and analyzed the samples for the following analyses:
    - California Administrative Code Title 22 Metals EPA Method 6010B/7471A.
    - Volatile Organic Compounds (VOCs) by EPA Method 8260B.
    - Total petroleum hydrocarbons as gasoline (TPH-G; C_5-C_{12}) by EPA Method 8015.
    - Diesel Range Organics (DRO; C_{12}-C_{22}) by EPA Method 8015.
    - Oil Range Organics (ORO; C_{22}-C_{32} and ORO; C_{32}-$_{40}$) by EPA Method 8015.
    - Semi-volatile organic constituents (SVOCs) and polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270C.
    - Pesticides and PCBs by EPA Method 8081/8082.

2. The analytical results are summarized in Tables 1, 2, 3, and 4. The laboratory analysis results, analytes detected above the laboratory Practical Quantitation Limit (PQL) are compared to the commercial/industrial California Water Boards Environmental Screening Levels (ESLs) published by the California Regional Water Quality Control Board (RWQCB)-San Francisco Region and are included in Attachment C. Key results are summarized below.

    - TPH as diesel range hydrocarbons were detected in the soil samples B-1-1, -3, -8 ft ranging from 85.4 to 2150 mg/kg. (Table 1). Soil sample B-1-8 exceeded the commercial/industrial ESLs (Direct Exposure Risk Level: 1,200 mg/kg). TPH as gasoline and diesel range hydrocarbons were not detected.
    - Metals were detected at concentrations above the PQL but are considered background levels.
    - VOCs (N-Butylbenzene, 4-Isopropyltoluene, Naphthalene, 1,2,4-Trimethylbenzene, 1,3,5- Trimethylbenzene, M/P-Xylene, O-Xylene) detected were detected in soil samples at concentrations above the PQLs; however, concentrations did not exceed the commercial/industrial ESLs.
    - SVOCs/PAHs (2-Methylnaphthalene) was detected in the soil sample at concentrations above the PQL; however, concentrations did not exceed the commercial/industrial ESLs.
    - Pesticides (Gamma-Chlorodane, Total Chlorodane, 4,4-DDE) were detected in the soil sample at concentrations above the PQL; however, concentrations did not exceed the commercial/industrial ESLs.
    - PCBs were not detected.

4.0 CONCLUSIONS

1. Significant levels of metals, VOCs, SVOCs, Pesticides, and PCBs were not detected in the soil samples. The TPH results indicate the surface staining observed by the diesel ASTs is below the commercial/industrial ESLs from grade to 5-ft bgs; however, the 8-ft sample concentrations are above the commercial/industrial ESLs. The vertical limit below 8-ft bgs, of TPH-DRO impact, is not defined.

2. Please note that the results and conclusions in this report are based on, and limited to, the soil the limited soil investigation, and the laboratory analyses that were completed. It is possible that contaminants could be in the soil in other areas of the Site that were not investigated.

3. Should you have any questions about these results, or wish to conduct additional investigations, please contact us at jprex@trccompanies.com or pkee@trccompanies.com.

Sincerely,

Jeffrey Rex
Principal/Office Practice Lead

Paul Kee
Staff Geologist

Attachments:

Table 1: TPH and Metals – Soil Laboratory Analysis Results
Table 2: VOCs – Soil Laboratory Analysis Results
Table 3: SVOCs/PAHs – Soil Laboratory Analysis Results
Table 4: Pesticides/PCBs – Soil Laboratory Analysis Results

Figure 1: Site Vicinity Map
Figure 2: Site Plan

Attachment A: Photo Log
Attachment B: Boring Logs
Attachment C: Laboratory Analysis Reports

TABLES

TABLE 1 - TOTAL PETROLEUM HYDOCARBONS (TPH) AND METALS
ROWE PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

ANALYSIS	SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)									Environmental Screening Levels	
TPH - EPA Method 8015	SC-1	SC-2	SC-3	SC-4	SCB-1	B-1-1	B-1-3	B-1-5	B-1-8	Direct Exposure Risk Level: Commercial/ Industrial	Leaching Values: Non-Drinking Water
C4-C10	<10	<10	<10	<10	<10	<10	<10	<10	<100	2,000	4900
C10-C28	<10	<10	<10	<10	<10	404	85.4	<10	**2150**	1,200	7300
C28-C35	<10	<10	<10	<10	<10	<10	<10	<10	<500	180,000	--
Metals - EPA Method 6010											
ANTIMONY	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	160	
ARSENIC	2.06	2.45	2.63	11.9	1.82	2.69	1.91	3.7	1.93	0.31	
BARIUM	60.5	59.9	69.3	62.5	68.9	103	76	154	67.3	220,000	
BERYLLIUM	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	230	
CADMIUM	<0.5	<0.5	<0.5	0.507	<0.5	<0.5	<0.5	<0.5	<0.5	1,100	
CHROMIUM TOTAL (Cr)	14.2	13.7	17.2	14.5	19.3	23.1	19.1	29.8	18.9	-	
CHROMIUM VI (Cr6)	-	-	-	-	-	-	-	-	-	6.2	
COBALT	3.8	3.64	4.3	3.47	5.85	7.25	6.46	9.85	5.71	350	
COPPER	7.3	6.61	11.3	16.3	13.6	15.2	13.1	27	12.8	47,000	
LEAD	3.54	2.47	5.38	7.57	3.65	3.4	3.21	5.62	3.22	320	
MERCURY	0.019	0.018	0.016	0.013	0.011	0.016	0.011	0.015	0.014	190	
MOLYBDENUM	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5,800	
NICKEL	3.22	3.02	4.91	3.68	6.44	8.86	7.29	12.1	6.46	11,000	
SELENIUM	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5800	
SILVER	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5800	
THALLIUM	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	12	
VANADIUM	29.8	27.8	29.7	26.3	32.3	34.5	29.8	40.1	31.4	5,800	
ZINC	26.6	24.1	38.9	60.7	36	45.2	36.2	68	36.8	350,000	

BOLD = detected > ESL or MCL
< = Non-detected or below the PQL
mg/kg = milligrams per kilogram
-- = not analyzed

* = California Water Boards Environmental Screening Levels (ESLs), Direct Exposure Human Health Risk Levels for Commercial/Industrial: Shallow Soil Exposure

Qualifiers:

TABLE 2 - VOLATILE ORGANIC COMPOUNDS
ROWE PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)

ANALYSIS

VOCs- EPA METHOD 8260B	SC-1	SC-2	SC-3	SC-4	SCB-1	B-1-1	B-1-3	B-1-5	B-1-8	ESL*
ACETONE	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	6.7E+05
BENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.4E+00
BROMOBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
BROMODICHLOROMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.3E+00
BROMOFORM	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	8.0E+01
BROMOMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	3.0E+01
2-BUTANONE (MEK)	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	2.0E+05
N-BUTYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005	<0.005	<0.005	--
SEC-BUTYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
TERT-BUTYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
CARBON DISULFIDE	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--
CARBON TETRACHLORIDE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.7E+00
CHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.3E+03
CHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	5.9E+04
CHLOROFORM	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.0E+03
CHLOROMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	4.7E+02
2-CHLOROTOLUENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
4-CHLOROTOLUENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,2-DIBROMO-3-CHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.6E+01
1,2-DIBROMOETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.6E-01
DIBROMOMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,2-DICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	9.4E+03
1,3-DICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,4-DICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.2E+01
DICHLORODIFLUOROMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,1-DICHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.6E+01
1,2-DICHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.1E+00
1,1-DICHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	8.3E+01
CIS-1,2-DICHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.9E+01
TRANS-1,2-DICHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.3E+02
1,2-DICHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	4.4E+00
1,1-DICHLOROPROPENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--

TABLE 2 - VOLATILE ORGANIC COMPOUNDS
ROWE PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)

ANALYSIS

VOCs- EPA METHOD 8260B	SC-1	SC-2	SC-3	SC-4	SCB-1	B-1-1	B-1-3	B-1-5	B-1-8	ESL*
1,3-DICHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
CIS-1,3-DICHLOROPROPENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
TRANS-1,3-DICHLOROPROPENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
2,2-DICHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
ETHYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.6E+01
2-HEXANONE	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	--
HEXACHLORO-1,3-BUTADIENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	5.3E+00
4-ISOPROPYLTOLUENE	<0.005	<0.005	<0.005	<0.005	<0.005	0.009	<0.005	<0.005	0.005	--
ISOPROPYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
METHYLENE CHLORIDE	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	2.5E+01
4-METHYL-2-PENTANONE (MIBK)	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	--
METHYL TERT-BUTYL ETHER	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.1E+02
NAPHTHALENE	<0.005	<0.005	<0.005	<0.005	<0.005	0.014	0.008	<0.005	<0.005	5.8E+02
N-PROPYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
STYRENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	3.3E+04
1,1,1,2-TETRACHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	8.9E+00
1,1,2,2-TETRACHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.7E+00
TETRACHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.7E+00
TOLUENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	5.3E+03
1,2,3-TRICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,2,4-TRICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.1E+02
1,1,1-TRICHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.6E+02
1,1,2-TRICHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	7.3E+03
TRICHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	6.1E+00
TRICHLOROFLUOROMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,2,3-TRICHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.1E-01
1,2,4-TRIMETHYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	0.13	0.029	<0.005	0.063	--
1,3,5-TRIMETHYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	0.034	0.007	<0.005	0.02	--
VINYL CHLORIDE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.5E-01
M/P-XYLENE	<0.010	<0.010	<0.010	<0.010	<0.010	0.015	<0.005	<0.005	<0.005	2.5E+03
O-XYLENE	<0.005	<0.005	<0.005	<0.005	<0.005	0.016	<0.005	<0.005	0.009	2.5E+03

< = Non-detected or below the PQL
mg/kg = milligrams per kilogram
-- = not analyzed

* = California Water Boards Environmental Screening Levels (ESLs), Direct Exposure Human Health Risk Levels for Commercial/Industrial: Shallow Soil Exposure

Qualifiers:

TABLE 3 - SEMI-VOLATILE ORGANIC COMPOUNDS
ROWE PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)

ANALYSIS

SVOCs - EPA Method 8270C	SC-1	SC-2	SC-3	SC-4	SCB-1	B-1-1	B-1-3	B-1-5	B-1-8	ESL*
ACENAPHTHENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.5E+04
ACENAPHTHYLENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
ANTHRACENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3E+05
BENZIDINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BENZO(A)ANTHRACENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0E+01
BENZO(B)FLUORANTHENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+01
BENZO(A)PYRENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+00
BENZO(G,H,I)PERYLENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BENZO(K)FLUORANTHENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+02
BENZOIC ACID	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	--
BENZYL ALCOHOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BIS(2-CHLORETHOXY)METHANE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BIS(2-CHLOROETHYL)ETHER	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.7E-01
BIS(2-CHLOROISOPROPYL)ETHER	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BIS(2-ETHYLHEXYL)PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6E+02
4-BROMOPHENYL-PHENYLETHER	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BUTYLBENZEYLPTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4-CHLORO-3-METHYLPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4-CHLOROANILINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-CHLORONAPHTHALENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-CHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.8E+03
4-CHLOROPHENYL-PHENYLETHER	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
CHRYSENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+03
DI-N-BUTYL PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
DI-N-OCTYL PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
DIBENZ(A,H)ANTHRACENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+00
DIBENZOFURAN	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
1,2-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6E-01
1,3-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
1,4-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2E+01
3,3-DICHLOROBENZIDINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7E+00
2,4-DICHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.5E+03
DIETHYL PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.6E+05
2,4-DIMETHYLPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.6E+05
DIMETHYL PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4,6-DINITRO-2-METHYLPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2,4-DINITROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3E+03
2,4-DINITROTOLUENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3E+03
2,6-DINITROTOLUENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
FLUORANTHENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0E+04
FLUORENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0E+04

TABLE 3 - SEMI-VOLATILE ORGANIC COMPOUNDS
ROWE PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)

ANALYSIS

SVOCs - EPA Method 8270C	SC-1	SC-2	SC-3	SC-4	SCB-1	B-1-1	B-1-3	B-1-5	B-1-8	ESL*
HEXACHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.8E-01
HEXACHLORO-1,3-BUTADIENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.3E+00
HEXACHLOROCYCLOPENTADIENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
HEXACHLOROETHANE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.8E+00
INDENO(1,2,3-CD)PYRENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+01
ISOPHORONE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-METHYLPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
3&4-METHYL PHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-METHYLNAPHTHALENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.591	3.0E+03
N-NITROSODI-N-PROPYLAMINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0E+03
N-NITROSODIMETHYLAMINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
N-NITROSODIPHENYLAMINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
NAPHTHALENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7E+01
2-NITROANILINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
3-NITROANILINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4-NITROANILINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
NITROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-NITROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4-NITROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
PENTACHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.0E+00
PHENANTHRENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
PHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.5E+05
PYRENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3E+04
PYRIDINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
1,2,4-TRICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2,4,5-TRICHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2E+05
2,4,6-TRICHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.7E+01

< = Non-detected or below the PQL
mg/kg = milligrams per kilogram
-- = not analyzed
* = California Water Boards Environmental Screening Levels (ESLs), Direct Exposure Human Health Risk Levels for Commercial/Industrial: Shallow Soil Exposure

Qualifiers:

TABLE 4 - PESTICIDES / PCBs
ROWE PROPERTY
BARSTOW, CALIFORNIA

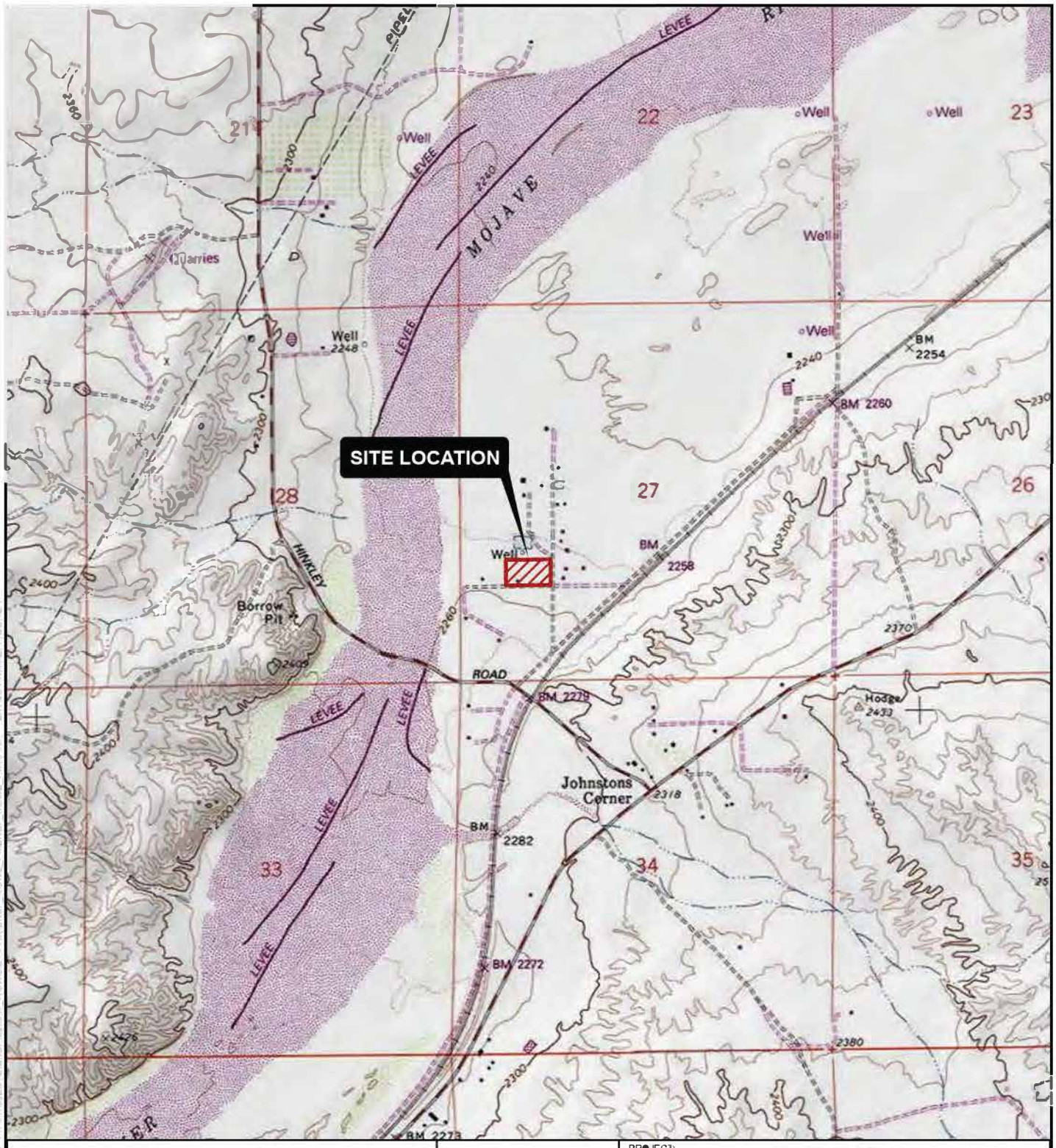
Sample Date: December 9, 2022

ANALYSIS	SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)									
PESTICIDES- EPA METHOD 8081	SC-1	SC-2	SC-3	SC-4	SCB-1	B-1-1	B-1-3	B-1-5	B-1-8	ESL*
ALDRIN	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	2.9E+01
ALPHA BHC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
BETA BHC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
DELTA BHC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
GAMMA BHC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
ALPHA -CHLORODANE	<0.001	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	--
GAMMA-CHLORODANE	<0.001	<0.001	0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	--
TOTAL CHLORODANE (TECHNICAL)	<0.005	<0.005	0.007	0.012	<0.001	<0.001	<0.001	<0.001	<0.001	2.2E+00
4,4-DDD	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1.2E+01
4,4-DDE	<0.001	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	8.3E+00
4,4-DDT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	8.5E+00
DIELDRIN	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	3.5E+00
ENDOSULFAN I	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.2E+02
ENDOSULFAN II	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.2E+02
ENDOSULFAN SULFATE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.2E+02
ENDRIN	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	2.9E+02
ENDRIN ALDEHYDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
ENDRIN KETONE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
HEPTACHLOR EPOXIDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1.3E+01
HEPTACHLOR	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.8E+02
METHOXYCHLOR	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.8E+03
TOXAPHENE	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	2.2E+00
PCBs- EPA METHOD 8082										
PCB 1016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1221	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1232	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1242	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1248	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1254	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1260	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01

< = Non-detected or below the PQL
mg/kg = milligrams per kilogram
-- = not analyzed
* = California Water Boards Environmental Screening Levels (ESLs), Direct Exposure Human Health Risk Levels for Commercial/Industrial: Shallow Soil Exposure

Qualifiers:

FIGURES



0 200 400 FEET

1:1 1" = 0'

BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES

PROJECT:

BNSF - ROWE
23222 HINKLEY ROAD
BARSTOW, CALIFORNIA

TITLE:

SITE VICINITY MAP

DRAWN BY:	R. COLLINS	PROJ. NO.:	525347.0000.0000
CHECKED BY:	J. MARTIN		
APPROVED BY:	P. KEE		
DATE:	DECEMBER 2022		

FIGURE 1

TRC

6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: BNSF_ROWE_PII

-- SAVED BY: RCOLLINS ON 12/20/2022 16:46:36 PM -- FILEPATH: T:\PROJECTS\BNSF\MAT ROWE\APR\BNSF ROWE_PII.APRX -- LAYOUTNAME: FIGURE 1

SC-3
SC-4
SC-2
SC-1

ATTACHMENT A

PHOTO LOG

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 1: First sample collection location of 5-point composite sample of SC-1. SC-1 consisted of three piles approximately 5 feet tall located in the southwest corner of the 'various stockpiles' outlined and labeled in Figure 2. First sample point was collected from the west facing side of the first of the three piles.

Photo 2: Second sample collection location of 5-point composite sample of SC-1. Second sample point was collected from the west facing side of the second of the three piles.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 3: Third sample collection location of 5-point composite sample of SC-1. Third sample point was collected from the east facing side of the second of the three piles.

Photo 4: Fourth sample collection location of 5-point composite sample of SC-1. Fourth sample point was collected from the east facing side of the third of the three piles.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 5: Fifth sample collection location of 5-point composite sample of SC-1. Fifth sample point was collected from the east facing side of the third of the three piles.

Photo 6: First sample collection location of 5-point composite sample of SC-2. SC-2 consisted of two piles approximately 3 feet tall located in the southwest corner of the 'various stockpiles' outlined and labeled in Figure 2, directly northeast of SC-1 piles. First sample point was collected from the west facing side of the first of the two piles.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 7: Second sample collection location of 5-point composite sample of SC-2. Second sample point was collected from the east facing side of the first of the two piles.

Photo 8: Third sample collection location of 5-point composite sample of SC-2. Third sample point was collected from the west facing side of the second of the two piles.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 9: Fourth sample collection location of 5-point composite sample of SC-2. Fourth sample point was collected from the east facing side of the second of the two piles.

Photo 10: Fifth sample collection location of 5-point composite sample of SC-2. Fifth sample point was collected from the approximate center of the second of the two piles.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 11: First sample collection location of 5-point composite sample of SC-3. SC-3 consisted of approximately 15 piles ranging from 1 to 5 feet tall located throughout the western side of the 'various stockpiles' outlined and labeled in Figure 2. First sample point was collected from the west facing side of the first of the fifteen piles.

Photo 12: Second sample collection location of 5-point composite sample of SC-3. Second sample point was collected from the west facing side of the second of the fifteen piles, north of the first pile of SC-3.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 13: Third sample collection location of 5-point composite sample of SC-3. Third sample point was collected from the east facing side of the third of the fifteen piles, north of the first and second piles of SC-3.

Photo 14: Fourth sample collection location of 5-point composite sample of SC-3. Fourth sample point was collected from the east facing side of the fourth of the fifteen piles, north of the first three piles of SC-3.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 15: Fifth sample collection location of 5-point composite sample of SC-3. Fifth sample point was collected from the east facing side of the fifth of the fifteen piles, north of the first four piles of SC-3.

Photo 16: Marked location of five samples collected for 5-point composite sample of SC-4. SC-4 consisted of one pile approximately 3 feet tall located in the northeast corner of the 'various stockpiles' outlined and labeled in Figure 2.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 17: First sample collection location of 5-point composite sample of SCB-1. SCB-1 consisted of 30 piles with homogeneous texture and appearance, ranging in shape and size, from approximately 1 to 3 feet tall. SCB-1 is outlined and labeled as 'dirt bike course' in Figure 2. First sample was collected from the north facing side of a pile near the southern boundary of the dirt bike course.

Photo 18: Second sample collection location of 5-point composite sample of SCB-1. Second sample was collected from the east facing side of a pile near the southwest boundary of the dirt bike course.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 19: Third sample collection location of 5-point composite sample of SCB-1. Third sample was collected from the north facing side of a pile located north of the first two piles in the dirt bike course.

Photo 20: Fourth sample collection location of 5-point composite sample of SCB-1. Fourth sample was collected from the east facing side of a pile located north of the first three piles in the dirt bike course.

PHOTO LOG

Client:	The BNSF Railway Co.	Site Address:	23222 Hinkley Road
Project:	Phase II Report	Location:	Barstow, California
Site Name:	BNSF- Rowe	Date Taken:	December 9, 2022

Photo 21: Fifth sample collection location of 5-point composite sample of SCB-1. Fifth sample was collected from the west facing side of a pile located west of the third and fourth piles in the dirt bike course.

ATTACHMENT B

BORING LOG

PROJECT NO.: 525347.0000.0000
LOCATION: Rowe Property
23222 Hinkley Road
Barstow, California

DATE DRILLED: December 8, 2022
LOGGED BY: J. Martin
APPROVED BY: J. Rex
DRILLING CO./RIG: TRC/ Hand-Auger

DRILLING METHOD: 3-1/4-inch Hand Auger
SAMPLER TYPE: Grab Sample
TOTAL DEPTH: 8 feet OBSERVED DEPTH TO WATER: NA

BLOWS PER 6 INCHES	PID (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	GRAPHIC LOG	BORING CONSTRUCTION DETAIL
				Surface Material: Sand. Hand Augered to 8 fbg.			Native Soil
				SAND: light brown, loose, dry, fine-grained, trace gravel, poorly graded.	SP		
	81.2			Light yellowish brown.			
	53.6			CLAYEY SAND: dark brown, loose, dry, poorly graded, low plasticity.	SC		
	398.3			SILTY SAND: light yellowish brown, loose, moist, fine-grained, poorly graded	SM		
				Bottom of boring 8 fbg			

B-1

(SEE BORING LOG KEY FOR LEGEND)

ATTACHMENT C

LABORATORY REPORTS

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: December 16, 2022

Ms. Laura Grigoryan
TRC Solutions, Inc.
6 Executive Circle, #200
Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@trccompanies.com

Project: **Phase 2 - Rowe Property**
Lab I.D.: **221212-15 through -23**

Dear Ms. Grigoryan:

The **analytical results** for the soil samples, received by our laboratory on December 12, 2022, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Pearl Wong
Quality Manager

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or Manager's Designee, as verified by the above signature which applies to this PDF File as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of ELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc.**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12-13/22
DATE REPORTED: 12/16/22

TOTAL PETROLEUM HYDROCARBONS (TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10	C10-C28	C28-C35	DF
SC-1	221212-15	ND	ND	ND	1
SC-2	221212-16	ND	ND	ND	1
SC-3	221212-17	ND	ND	ND	1
SC-4	221212-18	ND	ND	ND	1
SCB-1	221212-19	ND	ND	ND	1
B-1-1	221212-20	ND	404	ND	1
B-1-3	221212-21	ND	85.4	ND	1
B-1-5	221212-22	ND	ND	ND	1
B-1-8	221212-23	ND	2150	ND	10
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

COMMENTS:
C4-C10 = GASOLINE RANGE
C10-C28 = DIESEL RANGE
C28-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 12/12~13/2022 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **221212-33 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0.00	200	161	**81%**	149	**75%**	**8%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	%REC	ACP
C10~C28 Range	200	219	**110%**	**75-125**

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-1** LAB I.D.: 221212-15

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.06	0.5	1	500	5.0	6010B
Barium(Ba)	60.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	14.2	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	3.80	1.0	1	8,000	80	6010B
Copper(Cu)	7.30	1.0	1	2,500	25	6010B
Lead(Pb)	3.54	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.019	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.22	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	29.8	5.0	1	2,400	24	6010B
Zinc(Zn)	26.6	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-2** LAB I.D.: 221212-16

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.45	0.5	1	500	5.0	6010B
Barium(Ba)	59.9	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	13.7	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	3.64	1.0	1	8,000	80	6010B
Copper(Cu)	6.61	1.0	1	2,500	25	6010B
Lead(Pb)	2.47	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.018	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.02	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	27.8	5.0	1	2,400	24	6010B
Zinc(Zn)	24.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

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DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-3**
LAB I.D.: 221212-17

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.63	0.5	1	500	5.0	6010B
Barium(Ba)	69.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	17.2	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	4.30	1.0	1	8,000	80	6010B
Copper(Cu)	11.3	1.0	1	2,500	25	6010B
Lead(Pb)	5.38	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.016	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	4.91	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	29.7	5.0	1	2,400	24	6010B
Zinc(Zn)	38.9	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

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SAMPLE I.D.: **SC-4** LAB I.D.: 221212-18

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	11.9	0.5	1	500	5.0	6010B
Barium(Ba)	62.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	0.507	0.5	1	100	1.0	6010B
Chromium Total(Cr)	14.5	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	3.47	1.0	1	8,000	80	6010B
Copper(Cu)	16.3	1.0	1	2,500	25	6010B
Lead(Pb)	7.57	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.013	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.68	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	26.3	5.0	1	2,400	24	6010B
Zinc(Zn)	60.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
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SAMPLE I.D.: **SCB-1** LAB I.D.: 221212-19

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	1.82	0.5	1	500	5.0	6010B
Barium(Ba)	68.9	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	19.3	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	5.85	1.0	1	8,000	80	6010B
Copper(Cu)	13.6	1.0	1	2,500	25	6010B
Lead(Pb)	3.65	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.011	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	6.44	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	32.3	5.0	1	2,400	24	6010B
Zinc(Zn)	36.0	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
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DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-1** LAB I.D.: 221212-20

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.69	0.5	1	500	5.0	6010B
Barium(Ba)	103	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	23.1	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	7.25	1.0	1	8,000	80	6010B
Copper(Cu)	15.2	1.0	1	2,500	25	6010B
Lead(Pb)	3.40	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.016	0.01	2	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	8.86	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	34.5	5.0	1	2,400	24	6010B
Zinc(Zn)	45.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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LABORATORY REPORT

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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

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DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-3**
LAB I.D.: 221212-21

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	1.91	0.5	1	500	5.0	6010B
Barium(Ba)	76.0	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	19.1	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	6.46	1.0	1	8,000	80	6010B
Copper(Cu)	13.1	1.0	1	2,500	25	6010B
Lead(Pb)	3.21	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.011	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	7.29	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	29.8	5.0	1	2,400	24	6010B
Zinc(Zn)	36.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
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PROJECT: **Phase 2 - Rowe Property**
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DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-3**
LAB I.D.: 221212-21

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	1.91	0.5	1	500	5.0	6010B
Barium(Ba)	76.0	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	19.1	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	6.46	1.0	1	8,000	80	6010B
Copper(Cu)	13.1	1.0	1	2,500	25	6010B
Lead(Pb)	3.21	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.011	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	7.29	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	29.8	5.0	1	2,400	24	6010B
Zinc(Zn)	36.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
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PROJECT: **Phase 2 - Rowe Property**
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SAMPLE I.D.: **B-1-5**
LAB I.D.: 221212-22

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	3.70	0.5	1	500	5.0	6010B
Barium(Ba)	154	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	29.8	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	9.85	1.0	1	8,000	80	6010B
Copper(Cu)	27.0	1.0	1	2,500	25	6010B
Lead(Pb)	5.62	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.015	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	12.1	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	40.1	5.0	1	2,400	24	6010B
Zinc(Zn)	68.0	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN
DATE RECEIVED: 12/12/22
DATE ANALYZED: 12/12&13/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-8**
LAB I.D.: 221212-23

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	1.93	0.5	1	500	5.0	6010B
Barium(Ba)	67.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	18.9	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	5.71	1.0	1	8,000	80	6010B
Copper(Cu)	12.8	1.0	1	2,500	25	6010B
Lead(Pb)	3.22	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.014	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	6.46	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	31.4	5.0	1	2,400	24	6010B
Zinc(Zn)	36.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-15 THROUGH -23

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.5	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 12/13/2022 — **Unit : mg/Kg(ppm)**

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	221212-15	50.0	93	PASS	2.06	50.0	44.5	85%	46.0	88%	3%
Copper(Cu)	221212-15	50.0	96	PASS	14.2	50.0	54.5	81%	55.4	82%	2%
Lead(Pb)	221212-15	50.0	99	PASS	3.54	50.0	43.7	80%	44.8	83%	3%

ANALYSIS DATE. : 12/12/2022

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	221209-27	0.125	92	PASS	0.013	0.125	0.116	82%	0.113	80%	3%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Copper(Cu)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	**75 ~ 125**	**75 ~ 125**	**85 ~ 115**	**0 ~ 20**

ANALYST: _____

FINAL REVIEWER: _____

*=Fail due to matrix interference

Note:LCS is in control therefore results are in control

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LABORATORY REPORT

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6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN
DATE RECEIVED: 12/12/22
DATE ANALYZED: 12/13/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **SC-1** LAB I.D.: 221212-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-1**
LAB I.D.: 221212-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-2** LAB I.D.: 221212-16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-2** LAB I.D.: 221212-16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-3** LAB I.D.: 221212-17

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-3** LAB I.D.: 221212-17

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-4** LAB I.D.: 221212-18

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-4** LAB I.D.: 221212-18

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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CUSTOMER: **TRC Solutions, Inc**
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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **SCB-1** — LAB I.D.: 221212-19

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **SCB-1**
LAB I.D.: 221212-19

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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CUSTOMER: **TRC Solutions, Inc**
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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-1** LAB I.D.: 221212-20

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	0.013	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
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DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-1**
LAB I.D.: 221212-20

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	0.009	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	0.014	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	0.130	0.005
1,3,5-TRIMETHYLBENZENE	0.034	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	0.015	0.010
O-XYLENE	0.016	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-3** LAB I.D.: 221212-21

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-3**

LAB I.D.: 221212-21

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	0.008	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	0.029	0.005
1,3,5-TRIMETHYLBENZENE	0.007	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-5**
LAB I.D.: 221212-22

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE ANALYZED: 12/13/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-5**
LAB I.D.: 221212-22

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-8** LAB I.D.: 221212-23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-8**
LAB I.D.: 221212-23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	0.005	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	0.063	0.005
1,3,5-TRIMETHYLBENZENE	0.020	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	0.009	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE **PQL**
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-15 THROUGH -23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY:

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METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-15 THROUGH -23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 12/13-14/22 **Matrix:** Solid/Soil/Liquid
Machine: D **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 221212-31 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.043	86%	0.049	98%	12%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.051	102%	4%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.050	100%	0.045	90%	10%	75-125	0-20
Toluene	0	0.050	0.055	110%	0.050	100%	10%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.054	108%	0.059	118%	10%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.047	94%	75-125
Chlorobenzene	0.050	0.049	98%	75-125
Chloroform	0.050	0.057	114%	75-125
1,1-Dichlorothene	0.050	0.054	108%	75-125
Ethylbenzene	0.050	0.049	98%	75-125
o-Xylene	0.050	0.049	98%	75-125
m,p-Xylene	0.100	0.098	98%	75-125
Toluene	0.050	0.043	86%	75-125
1,1,1-Trichloroethane	0.050	0.052	104%	75-125
Trichloroethene (TCE)	0.050	0.050	100%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	221212-15	221212-16	221212-17	221212-18	221212-19	221212-20
Dibromofluoromethane	50.0	70-130	113%	114%	109%	93%	107%	109%	107%
Toluene-d8	50.0	70-130	113%	116%	116%	113%	119%	116%	124%
4-Bromofluorobenzene	50.0	70-130	117%	122%	127%	140*%	119%	126%	77%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			221212-21	221212-22	221212-23	221212-24	221212-25	221212-26	221212-27
Dibromofluoromethane	50.0	70-130	105%	99%	108%	131*%	105%	120%	121%
Toluene-d8	50.0	70-130	122%	113%	120%	112%	114%	112%	111%
4-Bromofluorobenzene	50.0	70-130	125%	123%	97%	121%	123%	126%	126%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			221212-28	221212-29	221212-30	221212-31	221212-32	221212-33	221212-34
Dibromofluoromethane	50.0	70-130	117%	117%	111%	112%	119%	114%	111%
Toluene-d8	50.0	70-130	112%	113%	110%	112%	109%	111%	109%
4-Bromofluorobenzene	50.0	70-130	123%	126%	123%	125%	121%	125%	126%

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By:

Final Reviewer:

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **SC-1** LAB I.D.: 221212-15

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-1** LAB I.D.: 221212-15

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **SC-2** LAB I.D.: 221212-16

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **SC-2** LAB I.D.: 221212-16

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
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DATE ANALYZED: 12/12/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **SC-3** LAB I.D.: 221212-17

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-3** LAB I.D.: 221212-17

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

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SAMPLE I.D.: **SC-4** LAB I.D.: 221212-18

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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PROJECT: Phase 2 - Rowe Property

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

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DATE ANALYZED: 12/12/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: SC-4 LAB I.D.: 221212-18

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICAITE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
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DATE REPORTED:12/16/22

SAMPLE I.D.: **SCB-1** LAB I.D.: 221212-19

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

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DATE REPORTED: 12/16/22

SAMPLE I.D.: **SCB-1** LAB I.D.: 221212-19

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
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DATE ANALYZED:12/12/22
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SAMPLE I.D.: **B-1-1** LAB I.D.: 221212-20

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
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SAMPLE I.D.: **B-1-1** LAB I.D.: 221212-20

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-3** LAB I.D.: 221212-21

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
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DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-3** LAB I.D.: 221212-21

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

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PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
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SAMPLE I.D.: **B-1-5** LAB I.D.: 221212-22

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-5** LAB I.D.: 221212-22

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

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SAMPLE I.D.: **B-1-8** LAB I.D.: 221212-23

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
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DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-8** LAB I.D.: 221212-23

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	0.591	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

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METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
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METHOD BLANK LAB I.D.: 221212-15 THROUGH -23

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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METHOD BLANK LAB I.D.: 221212-15 THROUGH -23

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

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8270C QA/QC Report

Matrix: **Soil/Solid/Sludge/Oil** Unit: mg/Kg (PPM)

Date Analyzed: **12/12-13/22**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **221212-34 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
Phenol	0.0	2.00	1.97	**99%**	2.21	**110%**	**11%**	50-150	0-20
Pyrene	0.0	2.00	2.20	**110%**	2.30	**115%**	**5%**	50-150	0-20

Laboratory Control Spike (LCS):

Analyte	spk conc	LCS	% RC	ACP %RC
Phenol	2.00	2.19	**109%**	75-125
1,4-Dichlorobenzene	2.00	2.17	**108%**	75-125
2,4-Dichlorophenol	2.00	2.07	**103%**	75-125
Hexachlorobutadiene	2.00	2.02	**101%**	75-125
4-Chloro-3-methylphenol	2.00	2.08	**104%**	75-125
Fluoranthene	2.00	2.11	**105%**	75-125

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**MB**	**221212-15**	**221212-16**	**221212-17**	**221212-18**	**221212-19**	**221212-20**
2-Fluorophenol	40	25-121	83%	95%	91%	80%	101%	84%	85%
Phenol-d5	40	24-113	83%	90%	87%	73%	99%	81%	82%
Nitrobenzene-d5	40	23-120	87%	96%	90%	75%	95%	74%	84%
2-Fluorobiphenyl	40	30-115	95%	101%	98%	91%	110%	94%	93%
2,4,6-Tribromophenol	40	19-122	67%	74%	52%	42%	55%	45%	54%
Terphenyl-d14	40	18-137	117%	139*%	109%	124%	107%	126%	114%

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**221212-21**	**221212-22**	**221212-23**	**221212-24**	**221212-25**	**221212-26**	**221212-27**
2-Fluorophenol	40	25-121	91%	94%	89%	23*%	97%	87%	93%
Phenol-d5	40	24-113	88%	93%	85%	84%	95%	85%	91%
Nitrobenzene-d5	40	23-120	80%	82%	94%	74%	86%	78%	83%
2-Fluorobiphenyl	40	30-115	98%	103%	92%	91%	101%	92%	98%
2,4,6-Tribromophenol	40	19-122	54%	54%	63%	64%	64%	59%	63%
Terphenyl-d14	40	18-137	124%	134%	115%	114%	125%	113%	119%

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**221212-28**	**221212-29**	**221212-30**	**221212-31**	**221212-32**	**221212-33**	**221212-34**
2-Fluorophenol	40	25-121	25%	84%	92%	82%	82%	24*%	27%
Phenol-d5	40	24-113	91%	83%	91%	80%	79%	95%	85%
Nitrobenzene-d5	40	23-120	85%	75%	86%	76%	77%	93%	81%
2-Fluorobiphenyl	40	30-115	96%	85%	96%	89%	88%	105%	94%
2,4,6-Tribromophenol	40	19-122	64%	59%	68%	63%	67%	75%	64%
Terphenyl-d14	40	18-137	121%	107%	120%	111%	108%	1269%	115%

** = Surrogate fail due to matrix interference*

Note: LCS, MS, MSD are in control therefore results are in control.

Analyzed and Reviewed By:

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **SC-1** LAB I.D.: 221212-15

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12&13/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: SC-2 LAB I.D.: 221212-16

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

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PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12&13/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **SC-3** LAB I.D.: 221212-17

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	0.002	0.001	1
Total Chlordane (Technical)	0.007	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
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DATE ANALYZED: 12/12&13/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **SC-4** LAB I.D.: 221212-18

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	0.004	0.001	1
gamma-Chlordane	0.003	0.001	1
Total Chlordane (Technical)	0.012	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	0.003	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
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DATE REPORTED:12/16/22

SAMPLE I.D.: **SCB-1** LAB I.D.: 221212-19

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
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DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-1** LAB I.D.: 221212-20

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12&13/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-3** LAB I.D.: 221212-21

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel: (949) 560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX: SOIL
SAMPLING DATE: 12/09/22
REPORT TO: Ms. LAURA GRIGORYAN

DATE RECEIVED: 12/12/22
DATE EXTRACTED: 12/12/22
DATE ANALYZED: 12/12&13/22
DATE REPORTED: 12/16/22

SAMPLE I.D.: **B-1-5** LAB I.D.: 221212-22

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **B-1-8** LAB I.D.: 221212-23

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Rowe Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
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DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-15 THROUGH -23

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081A QA/QC Report

Matrix: **Soil/Solid/Liquid(Oil)** Date Analyzed: **12/13/22**

Unit: **mg/Kg (ppm)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **221212-31 MS/MSD**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.00500	0.00561	**112%**	0.00520	**104%**	**8%**	**0-20%**	**70-130**
Aldrin	0.000	0.00500	0.00575	**115%**	0.00578	**116%**	**1%**	**0-20%**	**70-130**
4,4-DDE	0.000	0.00500	0.00604	**121%**	0.00590	**118%**	**2%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00540	**108%**	**75-125**
Aldrin	0.00500	0.00560	**112%**	**75-125**
4,4-DDE	0.00500	0.00586	**117%**	**75-125**
Dieldrin	0.00500	0.00496	**99%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	221212-15	221212-16	221212-17	221212-18	221212-19	221212-20
Tetra-chloro-meta-xylene	50-150	92%	91%	84%	87%	94%	99%	91%
Decachlorobiphenyl	50-150	95%	105%	105%	116%	91%	91%	136%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		221212-21	221212-22	221212-23	221212-24	221212-25	221212-26	221212-27
Tetra-chloro-meta-xylene	50-150	100%	85%	75%	200*%	99%	95%	93%
Decachlorobiphenyl	50-150	112%	100%	132%	81%	94%	95%	94%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		221212-28	221212-29	221212-30	221212-31	221212-32	221212-33	221212-34
Tetra-chloro-meta-xylene	50-150	92%	88%	86%	93%	88%	95%	94%
Decachlorobiphenyl	50-150	106%	111%	89%	74%	80%	91%	89%

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = *Surrogate fail due to matrix interference (If Marked)*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid/Liquid** Date Analyzed: **12/12~13/2022**

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 221212-32 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	0.00	0.100	0.097	**97%**	0.097	**97%**	**0%**	**0-20%**	**70-130**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.105	**105%**	**75-125**

S.R. = Sample Result
spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By:

Final Reviewer:

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE # 1555

Turnaround Time
- ○ Same Day
- ○ 24 Hours
- ○ 48 Hours
- ○ 72 Hours
- ● 1 Week (Standard)
- ○ Other

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required: TPH 8270 / TPH-D EPA 8015 Mod / TPH-D Title 22 Metals	EPA 8260 VOCs	EPA 8260 Aromatics / PAHs	EPA 8081 / 8082 Pest.	EPA 8270 SVOCs						COMMENTS
SC-1	2242-15	12/8/22	12:34pm	S	5	1X 4oz		✓	✓	✓	✓	✓						extract for STLC & TCLP upon client
SC-2	-16	12/8/22	12:48pm	S	5	1X 8035		✓	✓	✓	✓	✓						
SC-3	-17	12/8/22	1:05pm	S	5			✓	✓	✓	✓	✓						
SC-4	-18	12/8/22	1:25pm	S	5			✓	✓	✓	✓	✓						
SCB-1	-19	12/8/22	2:20pm	S	5			✓	✓	✓	✓	✓						
B-1-1	-20	12/8/22	10:45am	S	5			✓	✓	✓	✓	✓						
B-1-3	-21	12/8/22	11:10am	S	5			✓	✓	✓	✓	✓						
B-1-5	-22	12/8/22	11:40am	S	5			✓	✓	✓	✓	✓						
B-1-8	-23	12/8/22	12:45pm	S	5			✓	✓	✓	✓	✓						

Company Name: TRC
Address: 6 Executive Cir. St. 200
City/State/Zip: Irvine CA 92614

Project Contact: Laura Livingston
Tel: 949-560-3077
Fax:

Sampler's Signature:

Project Name/ID: Phase 2 - Rowe Property

Relinquished by: Laura Livingston	Received by: I-chu Lin	Date & Time: 12/12/22 9:4	Instructions for Sample Storage After Analysis: ○ Dispose of ○ Return to Client ○ Store (30 Days) ○ Other
Relinquished by	Received by	Date & Time	
Relinquished by	Received by	Date & Time	

CHAIN OF CUSTODY RECORD

Date: 12/8/22

WHITE WITH SAMPLE, YELLOW TO CLIENT

Envirо-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE # 1355

Turnaround Time
A Same Day
B 24 Hours
C 48 Hours
D 72 Hours
Other (Specify)
Date:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONTAINERS	TEMPERATURE	PRESERVATIVE	Analysis Required	COMMENTS
S-1	221212-15	PK 12/9/22	12:34pm	S	5	4.3°C		✓ ✓ ✓ ✓ ✓	CANCEL TO SILICA GEL
S-2	-16	PK 12/9/22	12:42pm	S	5	1.4	1035	✓ ✓ ✓ ✓ ✓	
S-3	-17	PK 12/9/22	1:05pm	S	5			✓ ✓ ✓ ✓ ✓	
S-4	-18	PK 12/9/22	1:25pm	S	5			✓ ✓ ✓ ✓ ✓	
S-3A	-19	PK 12/9/22	2:20pm	S	5			✓ ✓ ✓ ✓ ✓	
B-1-1	-20	PK 12/9/22	10:45am	S	5			✓ ✓ ✓ ✓ ✓	
B-1-3	-21	PK 12/9/22	11:10am	S	5			✓ ✓ ✓ ✓ ✓	
B-1-5	-22	PK 12/9/22	11:40am	S	5			✓ ✓ ✓ ✓ ✓	
B-1-8	-23	PK 12/9/22	12:15pm	S	5			✓ ✓ ✓ ✓ ✓	

Company Name: [illegible] Inc.
Address: 6 Executive Cir Ste 250
City/State/Zip: Irvine CA 92614

Project Contact: Lauren Livingston
Tel: 949-560-3077
Fax:

Sampler's Signature:

Project Name/ID: Phase 2 - Rowe Property

Relinquished by: [illegible]	Received by: I-chalin	Date & Time: 12/12/22 9 a.	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time:	Dispose of / Return to Client / Store (30 Days)
Relinquished by:	Received by:	Date & Time:	Other:

CHAIN OF CUSTODY RECORD

Date: PK 12/9/22

6 Executive Circle
Suite 200
Irvine, CA 92614

T 949.727.9336
TRCcompanies.com

December 28, 2022 Project No. 525227

Mr. Mark Engdahl
Director Real Estate and Environmental Project Controls
BNSF Railway Company
2500 Lou Menk Drive
Fort Worth, Texas 76131-2828

Soil Sampling Results – Phase II
Barstow Logistics – Mitchell Property
32310 Hinkley Road
Barstow, California

Dear Mr. Engdahl:

This report summarizes the analytical results of the Phase II investigation completed at the Mitchell property associated with the Barstow Logistics Park (LP) acquisition area located near Barstow, California (Site). Figure 1 shows the Site location.

This Phase II investigation was completed to evaluate the Recognized Environmental Conditions (RECs) identified in the Phase I Site Environmental Assessment (ESA) report prepared by TRC dated December 5th, 2022.

The results are summarized below.

1.0 BACKGROUND

1. The Site is an approximately 10-acre property located north of BNSF right-of-way. The property has been used primarily as a residence and developed with three single-story residences, a former cattle enclosure and historical alfalfa field, a garage, inactive chicken coops, a tree house, several storage sheds, and a recreational area with a lake and amenities. Additionally, two Above Ground Storage Tanks (ASTs): one diesel tank with a 1,000-gallon holding capacity and one antifreeze tank with a 30-gallon holding capacity were reported.

2. Four RECs were identified in the Phase I ESA, see summary below:

    - Staining observed adjacent to three 5-gallon buckets labeled with gear oil and hydraulic oil.
    - Staining observed adjacent to an unlabeled 55-gallon poly drum and unlabeled 5-gallon bucket near the two ASTs. The property owner reported that the staining was from a heavy cleaning solution and additive used to pressure wash.
    - Staining observed adjacent to an unlabeled 55-gallon poly drum with what appears to be oily water and drip pan located on the northeast corner of the car port.

- Elevated levels of nitrates (NO3) in the domestic water supply. The sample collected on August 10, 2009, exceeded the United States Environmental Protection Agency (USEPA) maximum contaminant level (MCL) for nitrates.

2.0 PHASE II INVESTIGATION

1. The scope of work included:
   - Drill three soil borings (MB-1 through MB-3).
   - MB-1 to 9-feet below ground surface (bgs), MB-2 to 5-feet bgs, and MB-3 to 10-feet bgs.
2. The drilling and sampling were completed on December 15, 2022. The locations of the borings are shown on Figure 2.
3. A Health and Safety Plan (HSP) was developed to address site-specific health and safety issues during implementation of the work including potential contaminants of concern, personal protective equipment, and location of the nearest hospital. The HSP was reviewed with onsite personnel prior to initiating field activities.

2.1 DRILLING AND SOIL SAMPLING

1. Three borings (MB-1, MB-2, and MB-3) were drilled to depths of 9 feet, 5 feet, and 10 feet bgs, respectively.
2. The sampling rationale and sampling intervals are shown below, boring locations are shown on Figure 2.

Sample Location (stained soil)	Boring ID	Depth (feet bgs)	Sample Collection Depths (feet bgs)
• 5-gallon buckets labeled gear oil and hydraulic oil	MB-1	9	(1, 3', 5', and 9')
• Unlabeled 55-gallon drum	MB-2	5	(1, 3', and 5')
• Unlabeled 55-gallon drum and 5-gallon bucket	MB-3	10	(1, 3', 5', and 10')

2.2 SOIL SAMPLING

1. All three soil borings (MB-1 through MB-3) were drilled using a hand auger equipped with a 3 ¼-inch diameter bucket.

- Boring location MB-1 was advanced to a point where the hand auger could not no longer continue (9-feet bgs) and soil samples were collected at 1', 3', 5', and 9-feet bgs.
- Boring location MB-2 was advanced to a depth of 5-feet bgs and soil samples were collected at 1', 3', and 5' bgs.
- Boring location MB-3 was advanced to a depth of 10-feet bgs and soil samples were collected at 1', 3', 5', and 10' bgs.

2. The samples were sealed, labeled, and placed in an iced cooler and delivered under Chain-of-Custody to a state-certified laboratory. Samples for volatile organic compound (VOC) analyses were collected at each interval using EPA Method 5035 sampling kits. Soil for additional analyses was collected in laboratory supplied containers.

3. Soil type, lithology, and observations were recorded on the field boring logs. Each sample was field screened for volatile organic constituents (VOCs) using a photoionization detector. The PID readings were recorded on the boring logs. The boring logs are included in Attachment A.

3.0 LABORATORY ANALYSES AND RESULTS

1. The soil samples were placed in a cooler and delivered to a state-certified laboratory (Enviro-Chem Inc) under chain-of-custody protocol. The soil samples from each sample location were analyzed by the laboratory. The samples were analyzed by a state-certified laboratory for the following analyses:

- Total petroleum hydrocarbons as gasoline range organics (TPH-GRO), diesel range organics (TPH-DRO), and oil range organics (TPH-ORO) by EPA Method 8015.
- California Title 22 metals by EPA Method 6010.
- Volatile organics hydrocarbons (VOCs) by EPA 8260B for the soil samples.
- Pesticides/PCBs by EPA 8081/8082.
- Semi volatile organic compounds (SVOCs) by EPA Method 8270.

2. The analytical results for soil are summarized in Tables 1, 2, 3, and 4. The laboratory analysis reports are included in Attachment B. Key results are summarized below.

AREA	SAMPLE ID	SUMMARY
5-gallon buckets labeled gear oil and hydraulic oil near mobile box trailer	MB1-1 (1') MB1-3 (3') MB1-5 (5') MB1-9 (9')	**TPH:** GRO not detected (ND) in any samples. 1' = 201 mg/kg for DRO (C10-C28) & 616 mg/kg for ORO (C28-C35) 3' = 27.3 mg/kg for DRO & 93.4 mg/kg for ORO 5' = 34.6 mg/kg for DRO & 101 mg/kg for ORO 9' = 15.3 mg/kg for DRO & ND for ORO **Metals:** Arsenic concentrations range from 0.68 – 2.89 mg/kg. Arsenic exceeds the Commercial/Industrial ESL (0.31 mg/kg) at all samples. **VOCs:** Trace levels of Benzene and Toluene at 0.005 mg/kg

		each detected at MB1-5. **SVOCs, PCBs, and Pesticides** were not detected.
Unlabeled 55-gallon drum near car port	MB2-1 (1') MB2-3 (3') MB2-5 (5')	**TPH:** GRO not detected in any samples. 1' = 51.1 mg/kg for DRO & 133 mg/kg for ORO 3' = 23.7 mg/kg for DRO & 58.7 mg/kg for ORO 5' = 42.9 mg/kg for DRO & 108 mg/kg for ORO **Metals:** Arsenic concentrations range from 1.80 – 2.55 mg/kg. Arsenic exceeds the Commercial/Industrial ESL (0.31 mg/kg) at all samples. **VOCs, SVOCs, PCBs, and Pesticides** were not detected.
Unlabeled 55-gallon drum and unlabeled 5-gallon bucket near the two ASTs	MB3-1 (1') MB3-3 (3') MB3-5 (5') MB3-10 (10')	**TPH:** GRO and ORO were not detected in any samples. 1' = 15.9 mg/kg for DRO & ND for ORO GRO and ORO ND below 1' bgs **Metals:** Arsenic concentrations range from 2.24 – 4.32 mg/kg. Arsenic exceeds the Commercial/Industrial ESL (0.31 mg/kg) at all samples. **VOCs, SVOCs, PCBs, and Pesticides** were not detected.

4.0 CONCLUSIONS

1. Review of the Tables and the summary above indicates that TPH as DRO and ORO were detected in the surface samples at all three of the areas of concern (up to 616 mg/kg) and the concentrations decrease to less than 108 mg/kg at 5-feet bgs. No VOCs were detected with the exception of trace levels of benzene and toluene at location MB1-5 (0.005 mg/kg). The detected levels are below the California Regional Water Quality Control Board (RWQCB)-San Francisco Region Environmental Screening Levels (ESLs) for commercial/industrial soil and for the protection of groundwater and would not likely trigger actions if reported to a regulatory agency.

2. Arsenic was detected at concentrations that exceed the ESLs for commercial/industrial soil, however the concentrations of arsenic reported in the soil samples collected during this investigation are below the typical Southern California background level of 12 mg/kg per California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (Hero).

3. Please note that the results and conclusions in this report are based on, and limited to, the soil the limited soil investigation and the laboratory analyses that were completed.

4. Should you have any questions about these results, or wish to conduct additional investigations, please contact us at jprex@trccompanies.com or jmaldonado@trccompanies.com.

Sincerely,

Jeff Rex
Principal/Office Practice Lead

Jose Maldonado
Project Geologist

Jacques Martin
Staff Environmental Scientist

Attachments:

Table 1: TPH & Metals – Soil Laboratory Analysis Results
Table 2: VOCs – Soil Laboratory Analysis Results
Table 3: SVOCs – Soil Laboratory Analysis Results
Table 4: Pesticides/PCBs – Soil Laboratory Analysis Results

Figure 1: Site Vicinity Map
Figure 2: Site Plan with Sampling Locations

Attachment A: Boring Logs
Attachment B: Laboratory Analysis Report

TABLES

TABLE 1 - TOTAL PETROLEUM HYDOCARBONS (TPH) AND METALS
MITCHELL PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

ANALYSIS	SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)											Environmental Screening Levels	
TPH - EPA Method 8015	MB1-1	MB1-3	MB1-5	MB1-9	MB2-1	MB2-3	MB2-5	MB3-1	MB3-3	MB3-5	MB3-10	Direct Exposure Risk Level: Commercial/ Industrial	Leaching Values: Non-Drinking Water
C4-C10	<20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2,000	4900
C10-C28	201	27.3	34.6	15.3	51.1	23.7	42.9	15.9	<10	<10	<10	1,200	7300
C28-C35	616	93.4	101	<50	133	58.7	108	<50	<50	<50	<50	180,000	--
Dilution Factor (DF)	2	1	1	1	1	1	1	1	1	1	1		
Metals - EPA Method 6010													
ANTIMONY	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	160	
ARSENIC	2.28	2.89	1.06	0.675	1.80	2.24	2.55	2.24	2.37	3.45	4.32	0.31	
BARIUM	48.50	81.40	62.80	20.60	37.80	72.80	52.80	86.40	49.80	131.00	162.00	220,000	
BERYLLIUM	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	230	
CADMIUM	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1,100	
CHROMIUM TOTAL (Cr)	15.60	20.30	15.10	10.30	12.10	18.70	15.80	19.00	14.50	27.70	30.10	-	
CHROMIUM VI (Cr6)	-	-	-	-	-	-	-	-	-	-	-	6.2	
COBALT	4.73	6.45	4.99	2.48	4.20	6.04	4.83	6.98	4.77	9.16	10.10	350	
COPPER	10.50	14.80	10.70	3.93	9.53	13.40	10.40	14.60	10.10	22.50	27.10	47,000	
LEAD	3.74	3.86	2.52	1.38	2.79	3.32	3.09	3.67	3.16	4.83	5.95	320	
MERCURY	0.015	0.021	0.024	0.013	0.026	0.011	0.011	0.014	0.015	0.024	0.013	190	
MOLYBDENUM	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5,800	
NICKEL	5.06	7.40	5.56	<2.5	4.20	7.00	5.55	6.92	4.70	11.10	11.60	11,000	
SELENIUM	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5800	
SILVER	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5800	
THALLIUM	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	12	
VANADIUM	26.3	32.4	23.8	20.9	22.6	29.4	26.5	30.3	28.2	40.3	44.5	5,800	
ZINC	38.2	38.6	32.8	12.9	24	37.2	27.2	40.8	24.8	65.8	70.7	350,000	

< = Not detected above Reported Detection Limit shown in parentheses.
mg/kg = milligrams per kilogram

TABLE 2 - VOLATILE ORGANIC COMPOUNDS
MITCHELL PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

ANALYSIS	SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)											ESLs
VOCs- EPA METHOD 8260B	MB1-1	MB1-3	MB1-5	MB1-9	MB2-1	MB2-3	MB2-5	MB3-1	MB3-3	MB3-5	MB3-10	Direct Exposure Risk Level: Commercial/ Industrial
ACETONE	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	6.7E+05
BENZENE	<0.005	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.4E+00
BROMOBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
BROMODICHLOROMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.3E+00
BROMOFORM	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	8.0E+01
BROMOMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	3.0E+01
2-BUTANONE (MEK)	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	2.0E+05
N-BUTYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
SEC-BUTYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
TERT-BUTYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
CARBON DISULFIDE	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--
CARBON TETRACHLORIDE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.7E+00
CHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.3E+03
CHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	5.9E+04
CHLOROFORM	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.0E+03
CHLOROMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	4.7E+02
2-CHLOROTOLUENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
4-CHLOROTOLUENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,2-DIBROMO-3-CHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.6E+01
1,2-DIBROMOETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.6E-01
DIBROMOMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,2-DICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	9.4E+03
1,3-DICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,4-DICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.2E+01
DICHLORODIFLUOROMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,1-DICHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.6E+01
1,2-DICHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.1E+00
1,1-DICHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	8.3E+01
CIS-1,2-DICHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.9E+01
TRANS-1,2-DICHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.3E+02
1,2-DICHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	4.4E+00
1,1-DICHLOROPROPENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,3-DICHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
CIS-1,3-DICHLOROPROPENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
TRANS-1,3-DICHLOROPROPENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
2,2-DICHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
ETHYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.6E+01
2-HEXANONE	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	--
HEXACHLORO-1,3-BUTADIENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	5.3E+00
4-ISOPROPYLTOLUENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
ISOPROPYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
METHYLENE CHLORIDE	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	2.5E+01
4-METHYL-2-PENTANONE (MIBK)	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	--
METHYL TERT-BUTYL ETHER	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.1E+02
NAPHTHALENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	5.8E+02
N-PROPYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--

TABLE 2 - VOLATILE ORGANIC COMPOUNDS
MITCHELL PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

ANALYSIS	SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)											ESLs
VOCs- EPA METHOD 8260B	MB1-1	MB1-3	MB1-5	MB1-9	MB2-1	MB2-3	MB2-5	MB3-1	MB3-3	MB3-5	MB3-10	Direct Exposure Risk Level: Commercial/ Industrial
STYRENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	3.3E+04
1,1,1,2-TETRACHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	8.9E+00
1,1,2,2-TETRACHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.7E+00
TETRACHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.7E+00
TOLUENE	<0.005	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	5.3E+03
1,2,3-TRICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,2,4-TRICHLOROBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.1E+02
1,1,1-TRICHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.6E+02
1,1,2-TRICHLOROETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	7.3E+03
TRICHLOROETHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	6.1E+00
TRICHLOROFLUOROMETHANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,2,3-TRICHLOROPROPANE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.1E-01
1,2,4-TRIMETHYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
1,3,5-TRIMETHYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--
VINYL CHLORIDE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.5E-01
M/P-XYLENE	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	2.5E+03
O-XYLENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.5E+03

< = Not detected above Reported Detection Limit shown in parentheses.

mg/kg = milligrams per kilogram

TABLE 3 - SEMI-VOLATILE ORGANIC COMPOUNDS
MITCHELL PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

ANALYSIS	SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)											ESLs
												Direct Exposure Risk Level: Commercial/ Industrial
SVOCs - EPA Method 8270C	MB1-1	MB1-3	MB1-5	MB1-9	MB2-1	MB2-3	MB2-5	MB3-1	MB3-3	MB3-5	MB3-10	
ACENAPHTHENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.5E+04
ACENAPHTHYLENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
ANTHRACENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3E+05
BENZIDINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BENZO(A)ANTHRACENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0E+01
BENZO(B)FLUORANTHENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+01
BENZO(A)PYRENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+00
BENZO(G,H,I)PERYLENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BENZO(K)FLUORANTHENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+02
BENZOIC ACID	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	--
BENZYL ALCOHOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BIS(2-CHLORETHOXY)METHANE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BIS(2-CHLOROETHYL)ETHER	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.7E-01
BIS(2-CHLOROISOPROPYL)ETHER	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BIS(2-ETHYLHEXYL)PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6E+02
4-BROMOPHENYL-PHENYLETHER	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
BUTYLBENZEYLPTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4-CHLORO-3-METHYLPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4-CHLOROANILINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-CHLORONAPHTHALENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-CHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.8E+03
4-CHLOROPHENYL-PHENYLETHER	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
CHRYSENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+03
DI-N-BUTYL PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
DI-N-OCTYL PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
DIBENZ(A,H)ANTHRACENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+00
DIBENZOFURAN	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
1,2-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6E-01
1,3-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
1,4-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2E+01
3,3-DICHLOROBENZIDINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7E+00
2,4-DICHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.5E+03
DIETHYL PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.6E+05
2,4-DIMETHYLPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.6E+05
DIMETHYL PHTHALATE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4,6-DINITRO-2-METHYLPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3 - SEMI-VOLATILE ORGANIC COMPOUNDS
MITCHELL PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

ANALYSIS	SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)											ESLs
												Direct Exposure Risk Level: Commercial/ Industrial
SVOCs - EPA Method 8270C	MB1-1	MB1-3	MB1-5	MB1-9	MB2-1	MB2-3	MB2-5	MB3-1	MB3-3	MB3-5	MB3-10	
2,4-DINITROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3E+03
2,4-DINITROTOLUENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3E+03
2,6-DINITROTOLUENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
FLUORANTHENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0E+04
FLUORENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0E+04
HEXACHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.8E-01
HEXACHLORO-1,3-BUTADIENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.3E+00
HEXACHLOROCYCLOPENTADIENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
HEXACHLOROETHANE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.8E+00
INDENO(1,2,3-CD)PYRENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1E+01
ISOPHORONE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-METHYLPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
3&4-METHYL PHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-METHYLNAPHTHALENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0E+03
N-NITROSODI-N-PROPYLAMINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0E+03
N-NITROSODIMETHYLAMINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
N-NITROSODIPHENYLAMINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
NAPHTHALENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7E+01
2-NITROANILINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
3-NITROANILINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4-NITROANILINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
NITROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2-NITROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
4-NITROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
PENTACHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.0E+00
PHENANTHRENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
PHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.5E+05
PYRENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3E+04
PYRIDINE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
1,2,4-TRICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
2,4,5-TRICHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2E+05
2,4,6-TRICHLOROPHENOL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.7E+01

< = Not detected above Reported Detection Limit shown in parentheses.

mg/kg = milligrams per kilogram

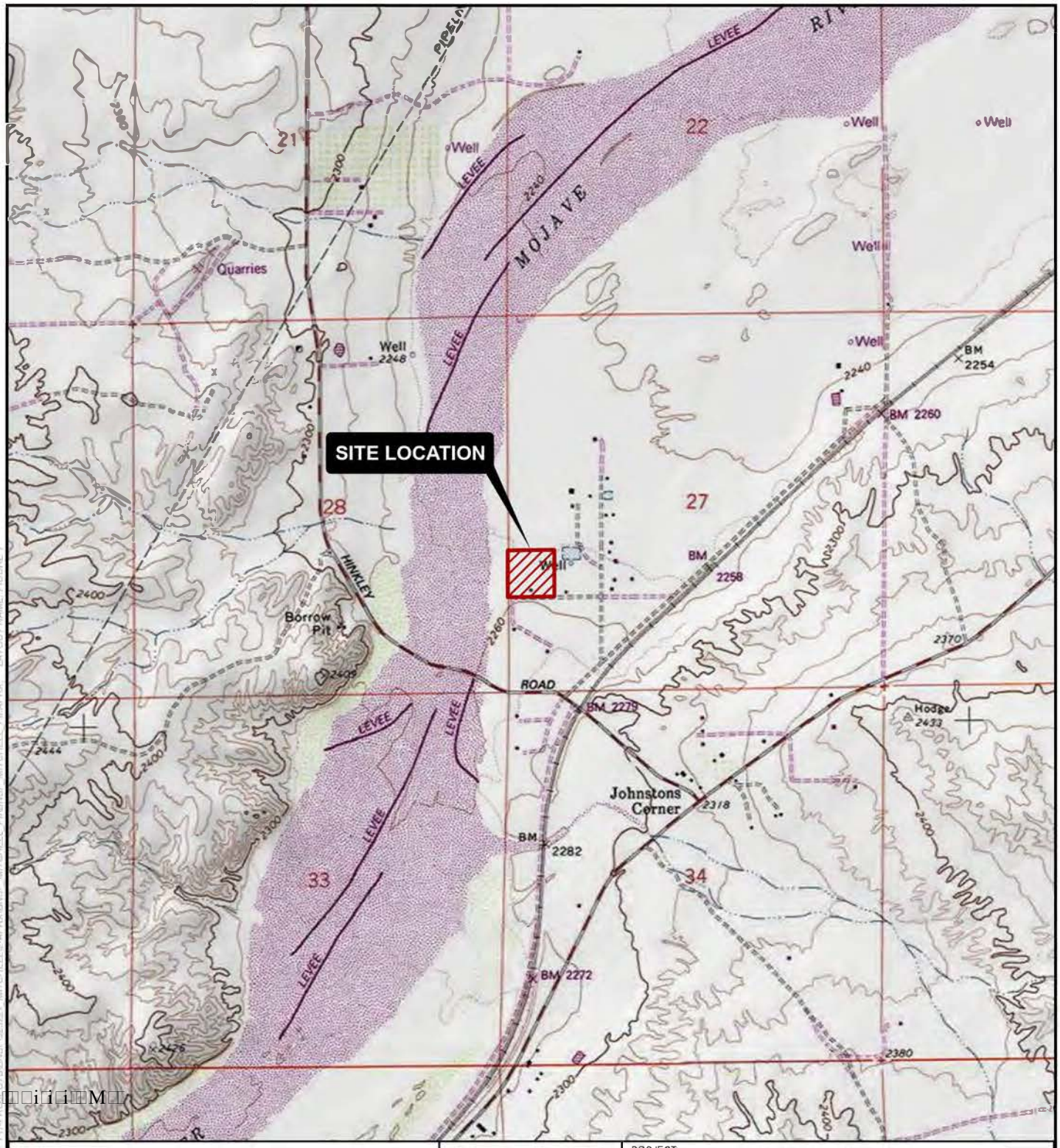
TABLE 4 - PESTICIDES / PCBs
MITCHELL PROPERTY
BARSTOW, CALIFORNIA

Sample Date: December 9, 2022

ANALYSIS	SAMPLE ID, DEPTH, and ANALYSIS RESULT (mg/kg)											ESLs
												Direct Exposure Risk Level: Commercial/ Industrial
PESTICIDES- EPA METHOD 8081	MB1-1	MB1-3	MB1-5	MB1-9	MB2-1	MB2-3	MB2-5	MB3-1	MB3-3	MB3-5	MB3-10	
ALDRIN	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	2.9E+01
ALPHA BHC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
BETA BHC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
DELTA BHC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
GAMMA BHC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
ALPHA -CHLORODANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
GAMMA-CHLORODANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
TOTAL CHLORODANE (TECHNICAL)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.2E+00
4,4-DDD	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1.2E+01
4,4-DDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	8.3E+00
4,4-DDT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	8.5E+00
DIELDRIN	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	3.5E+00
ENDOSULFAN I	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.2E+02
ENDOSULFAN II	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.2E+02
ENDOSULFAN SULFATE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.2E+02
ENDRIN	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	2.9E+02
ENDRIN ALDEHYDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
ENDRIN KETONE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--
HEPTACHLOR EPOXIDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1.3E+01
HEPTACHLOR	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.8E+02
METHOXYCHLOR	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	4.8E+03
TOXAPHENE	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	2.2E+00
PCBs- EPA METHOD 8082												
PCB 1016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1221	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1232	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1242	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1248	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1254	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01
PCB 1260	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	9.4E-01

mg/kg = milligrams per kilogram
<= Not detected above Reported Detection Limit shown in parentheses.

FIGURES



0 1,000 2,000 FEET

1:1 1" = 0'

BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES

PROJECT:
BNSF - MITCHELL
32310 HINKLEY ROAD
BARSTOW, CALIFORNIA

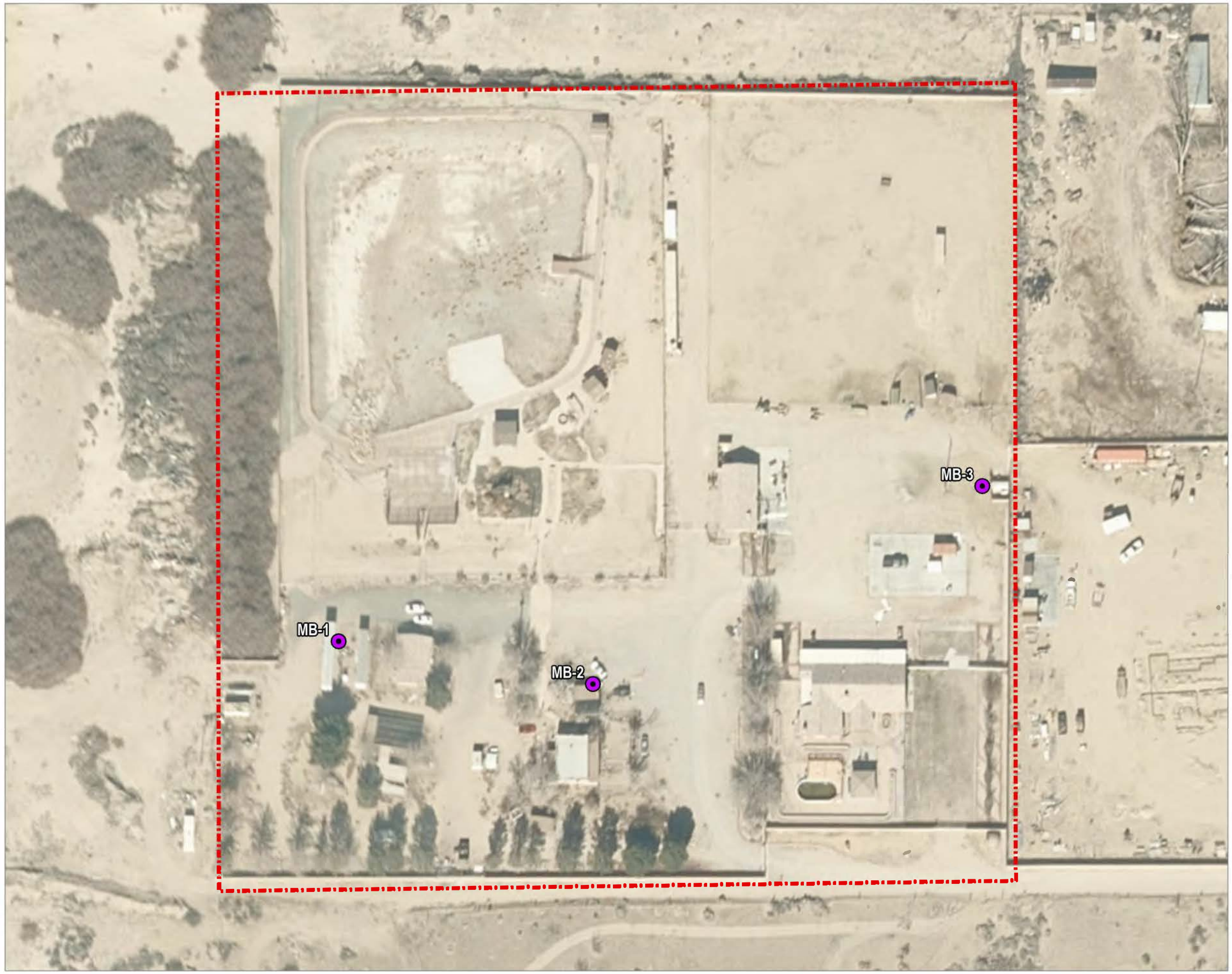
TITLE:

DRAWN BY:	R. COLLINS	PROJ. NO.:	525227.0000.0000
CHECKED BY:	J. MARTIN		
APPROVED BY:	P. KEE		**FIGURE 1**
DATE:	DECEMBER 2022		

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: BNSF_MITCHELL_PII

SAVED BY: RCOLLINS ON 12/13/2022 - 10:01:05 PM FILE PATH: T:\PROJECTS\BNSF\525227_MITCHELL\GIS\ARCMAP\BNSF_MITCHELL_PII\APRX LAYOUT NAME: FIGURE 1



LEGEND

SITE BOUNDARY

SOIL BORING LOCATION

NOTES:

BASE MAP: ESRI "WORLD IMAGERY" ONLINE SERVICE LAYER. 2/5/2020.
DATA SOURCES: TRC

1:960
1" = 80'
0 80 160 FEET

PROJECT:	BNSF - MITCHELL 32310 HINKLEY ROAD BARSTOW, CALIFORNIA
TITLE:	SITE PLAN
DRAWN BY: R. COLLINS	PROJ. NO.: 525227.0000.0000
CHECKED BY: J. MARTIN	FIGURE 2
APPROVED BY: P. KEE	
DATE: DECEMBER 2022	

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: BNSF_Mitchell_PII.aprx

Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet Map Rotation: 0
Saved By: RCOLLINS on 12/2/2022 at 1:40:01 PM File Path: T:\PROJECTS\BSF\526327_Mitchell\3-APRX\BNSF_Mitchell_PII.aprx Layout Name: FIGURE 2

ATTACHMENT A

BORING LOGS

PROJECT NO.:	525227.0000.0000	DATE DRILLED:	December 9, 2022
LOCATION:	Mitchell Property	LOGGED BY:	J. Martin
	32310 Hinkley Road	APPROVED BY:	J. Rex
	Barstow, California	DRILLING CO./RIG:	TRC

DRILLING METHOD: 3-1/4-inch Hand Auger
SAMPLER TYPE: Grab Sample
TOTAL DEPTH: 9 feet OBSERVED DEPTH TO WATER: NA

BLOWS PER 6 INCHES	PID (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	GRAPHIC LOG	BORING CONSTRUCTION DETAIL
			0	Surface Material: Sand. Hand Augered to 9 fbg.			
			1	SAND: light brown, loose, dry, fine-grained, poorly graded, trace gravel.	SP		Native Soil
			2				
	0		3	SILTY SAND: light yellowish brown, loose, dry, fine-grained, poorly graded.	SM		
			4				
	0		5	SAND WITH CLAY: dark brown, low to medium density, dry, fine-grained, poorly graded, low plasticity.	SC		
			6				
			7				
			8				
	0		9	SAND: light brown, loose, dry, coarse-grained, poorly graded, with gravel.	SP		
				Bottom of boring 9 fbg			
			10				
			11				
			12				
			13				
			14				
			15				
			16				
			17				
			18				
			19				
			20				

TRC

LOG OF EXPLORATORY BORING

(SEE BORING LOG KEY FOR LEGEND)

MB-1

L:\Graphics\ProjectsbyName\BNSF – Mitchell_D\525227\BNSF_Mitchell_D_BLOGS.dwg; MB-1, Dec 21, 2022–4:16pm rcollins

PROJECT NO.:	525227.0000.0000	DATE DRILLED:	December 9, 2022
LOCATION:	Mitchell Property	LOGGED BY:	J. Martin
	32310 Hinkley Road	APPROVED BY:	J. Rex
	Barstow, California	DRILLING CO./RIG:	TRC

DRILLING METHOD: 3-1/4-inch Hand Auger
SAMPLER TYPE: Grab Sample
TOTAL DEPTH: 5 feet OBSERVED DEPTH TO WATER: NA

BLOWS PER 6 INCHES	PID (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	GRAPHIC LOG	BORING CONSTRUCTION DETAIL
			0	Surface Material: Sand. Hand Augered to 5 fbg.			Native Soil
			1	SAND: light brown, loose, dry, fine-grained, with gravel, poorly graded.	SP		
			2				
	0		3	Yellowish brown.			
			4				
	0		5	Bottom of boring 5 fbg			
			6				
			7				
			8				
			9				
			10				
			11				
			12				
			13				
			14				
			15				
			16				
			17				
			18				
			19				
			20				

TRC

LOG OF EXPLORATORY BORING

(SEE BORING LOG KEY FOR LEGEND)

MB-2

L:\Graphics\ProjectsbyName\BNSF – Mitchell_D\525227\BNSF_Mitchell_D_BLOGS.dwg; MB-2, Dec 21, 2022–4:16pm rcollins

PROJECT NO.:	525227.0000.0000	DATE DRILLED:	December 9, 2022
LOCATION:	Mitchell Property	LOGGED BY:	J. Martin
	32310 Hinkley Road	APPROVED BY:	J. Rex
	Barstow, California	DRILLING CO./RIG:	TRC

DRILLING METHOD: 3-1/4-inch Hand Auger
SAMPLER TYPE: Grab Sample
TOTAL DEPTH: 10 feet OBSERVED DEPTH TO WATER: NA

BLOWS PER 6 INCHES	PID (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	GRAPHIC LOG	BORING CONSTRUCTION DETAIL
			0	Surface Material: Sand. Hand Augered to 10 fbg.			
			1	SAND: dark brown, loose, dry, fine to medium grain, with gravel, well graded.	SW		Native Soil
			2				
	0		3	SILTY SAND: yellowish brown, loose, dry, fine-grained, poorly graded.	SM		
			4				
	0		5	SAND WITH CLAY: dark brown, low to medium density, dry, fine-grained, poorly graded, with low plasticity.	SC		
			6				
			7				
			8				
			9				
	0		10	GRAVELLY SAND: brown, low to medium density, dry, well graded, with gravel, and trace clay with low plasticity.	SW		
				Bottom of boring 10 fbg			
			11				
			12				
			13				
			14				
			15				
			16				
			17				
			18				
			19				
			20				

TRC

LOG OF EXPLORATORY BORING

(SEE BORING LOG KEY FOR LEGEND)

MB-3

L:\Graphics\ProjectsbyName\BNSF – Mitchell_D\525227\BNSF_Mitchell_D_BLOGS.dwg; MB-3, Dec 21, 2022–4:17pm rcollins

ATTACHMENT B

LABORATORY ANALYSIS REPORT

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: December 16, 2022

Ms. Laura Grigoryan
TRC Solutions, Inc.
6 Executive Circle, #200
Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@trccompanies.com

Project: **Phase 2 - Mitchell Property**
Lab I.D.: **221212-24 through -34**

Dear Ms. Grigoryan:

The **analytical results** for the soil samples, received by our laboratory on December 12, 2022, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Pearl Wong
Quality Manager

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or Manager's Designee, as verified by the above signature which applies to this PDF File as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of ELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc.**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12-13/22
DATE REPORTED:12/16/22

TOTAL PETROLEUM HYDROCARBONS(TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10	C10-C28	C28-C35	DF
MB1-1	221212-24	ND	201 *	616	2
MB1-3	221212-25	ND	27.3 *	93.4	1
MB1-5	221212-26	ND	34.6 *	101	1
MB1-9	221212-27	ND	15.3 *	ND	1
MB2-1	221212-28	ND	51.1 *	133	1
MB2-3	221212-29	ND	23.7 *	58.7	1
MB2-5	221212-30	ND	42.9 *	108	1
MB3-1	221212-31	ND	15.9 *	ND	1
MB3-3	221212-32	ND	ND	ND	1
MB3-5	221212-33	ND	ND	ND	1
MB3-10	221212-34	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

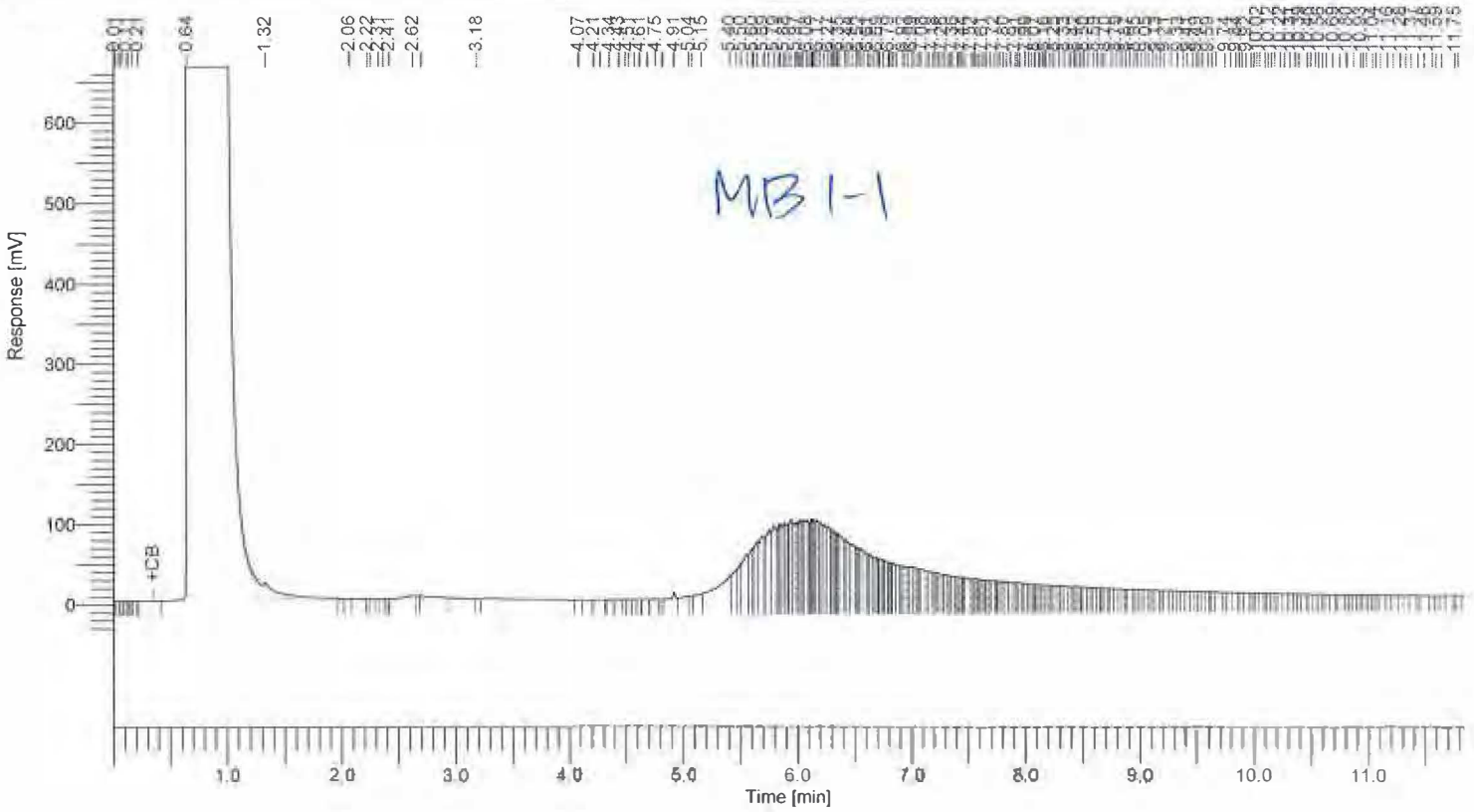
COMMENTS:
C4-C10 = GASOLINE RANGE
C10-C28 = DIESEL RANGE
C28-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
* = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF DIESEL STANDARD

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Software Version : 6.3.4.0700
Sample Name : 221212-24 2014 FE
Instrument Name : GC-I
Rack/Vial : 0/45
Sample Amount : 1.000000
Cycle : 3

Date : 12/13/2022 10:25:36 AM
Data Acquisition Time : 12/13/2022 8:46:02 AM
Channel : A
Operator : lcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\2022\I2212\I221212\A056.rst
Sequence File : E:\GC DATA\GC-I\2022\I2212\I221212\I221212.seq



8015 Results

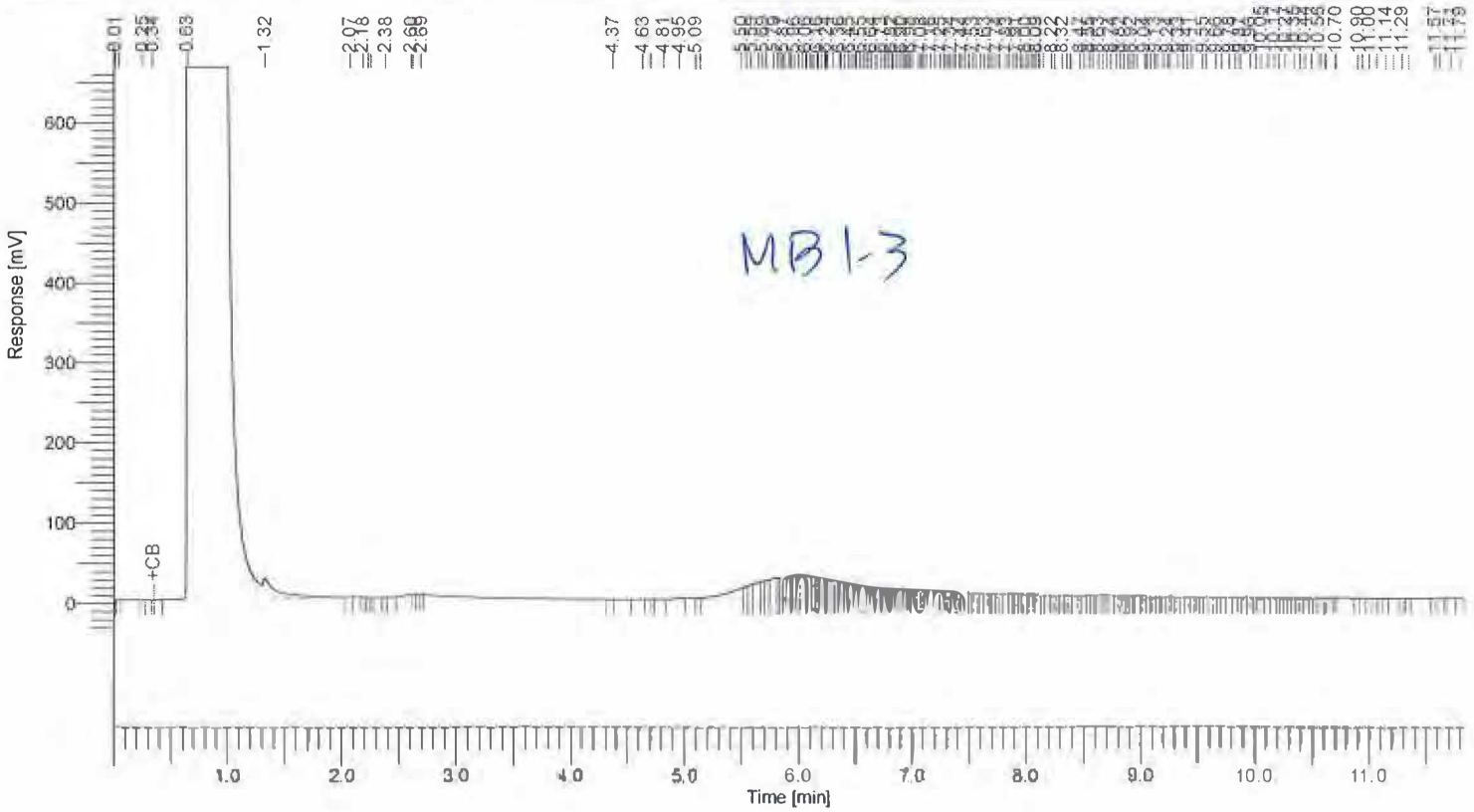
Component Name	Area [uV*sec]	Adjusted Amount
C4~C10	317409	83.2
C10~C28	5291869	1006.3
C28~C35	3810721	3079.4
	9419997	4168.9

Report stored in ASCII file: E:\GC DATA\GC-I\2022\I2212\I221212\A056.TXO

Software Version : 6.3.4.0700
Sample Name : 221212-25 20/2
Instrument Name : GC-I
Rack/Vial : 0/27
Sample Amount : 1.000000
Cycle : 15

Date : 12/13/2022 10:27:19 AM
Data Acquisition Time : 12/13/2022 6:13:43 PM
Channel : A
Operator : tcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2022\I2212\I221212\A033.rst
Sequence File : E:\GC DATA\GC-I\I2022\I2212\I221212\I221212.seq



8015 Results

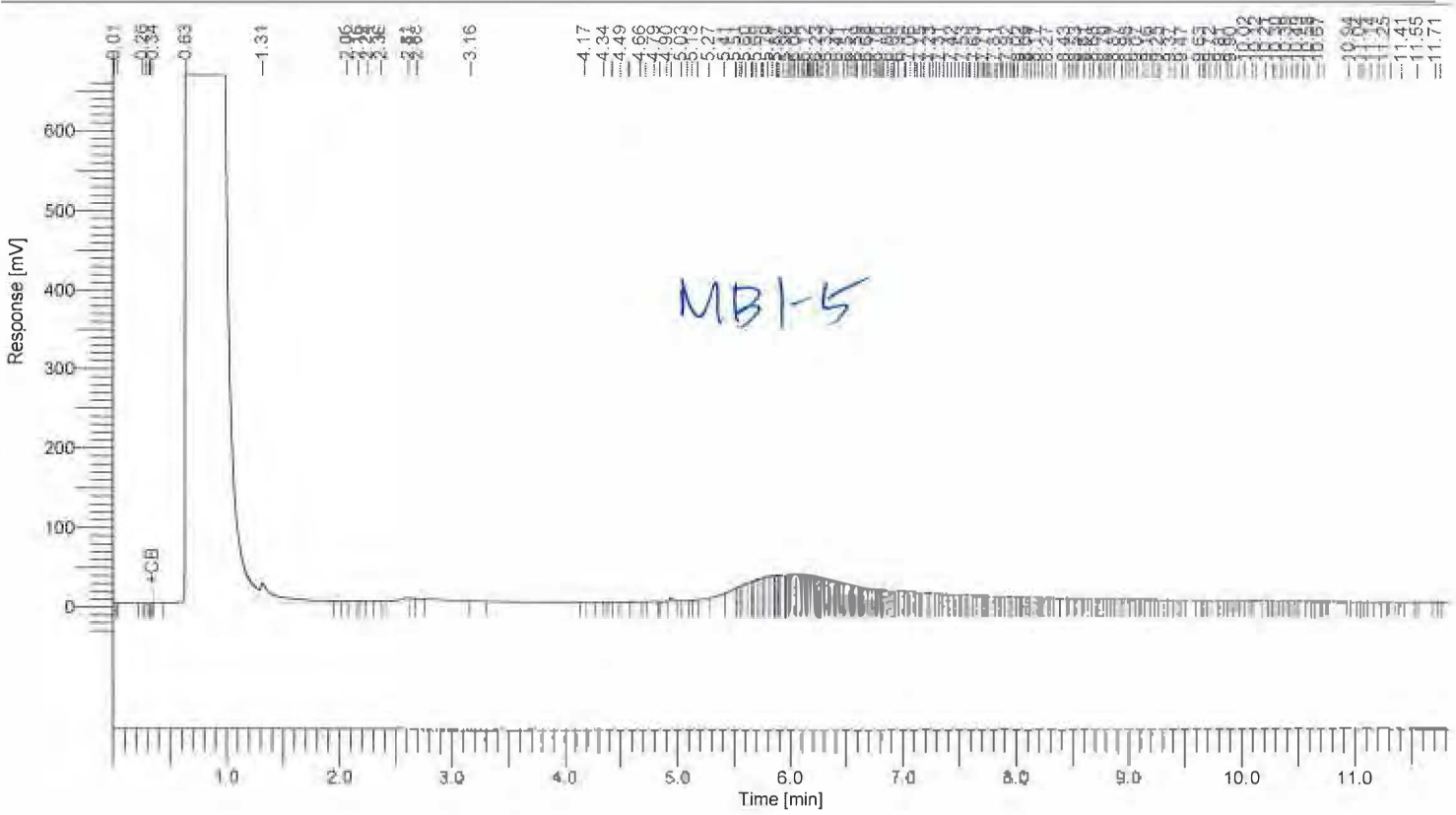
Component Name	Area [uV*sec]	Adjusted Amount
C4~C10	237701	35.5
C10~C28	1464472	272.9
C28~C35	1215067	934.0
	2917240	1242.4

Report stored in ASCII file: E:\GC DATA\GC-I\I2022\I2212\I221212\A033.TXO

Software Version : 6.3.4.0700
Sample Name : 221212 26 20-2
Instrument Name : GC-I
Rack/Vial : 0/28
Sample Amount : 1.000000
Cycle : 16

Date : 12/13/2022 10:27:23 AM
Data Acquisition Time : 12/13/2022 8:29:35 PM
Channel : A
Operator : tcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2022\I2212\I221212\A034.rst
Sequence File : E:\GC DATA\GC-I\I2022\I2212\I221212\I221212.seq



8015 Results

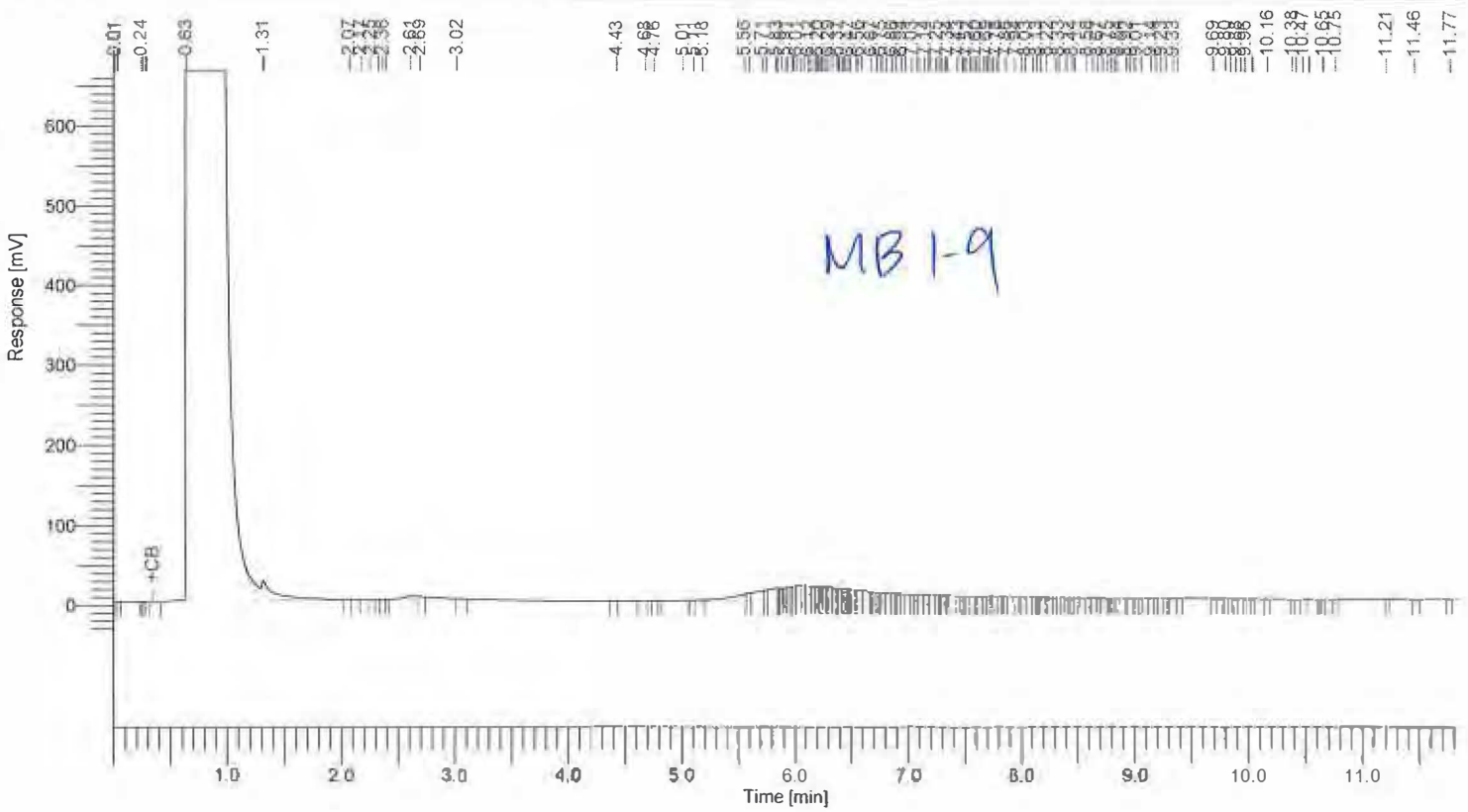
Component Name	Area [uV*sec]	Adjusted Amount
C4~C10	329894	90.7
C10~C28	1847423	346.3
C28~C35	1307350	1010.3
	3484666	1447.3

Report stored in ASCII file: E:\GC DATA\GC-I\I2022\I2212\I221212\A034.TXO

Software Version : 6.3.4.0700
Sample Name : 221212 27 .20\2
Instrument Name : GC-I
Rack/Vial : 0/29
Sample Amount : 1.000000
Cycle : 17

Date : 12/13/2022 10:27:27 AM
Data Acquisition Time : 12/13/2022 6:45:35 PM
Channel : A
Operator : tcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2022\I2212\I221212\A035.rst
Sequence File : E:\GC DATA\GC-I\I2022\I2212\I221212\I221212.seq



8015 Results

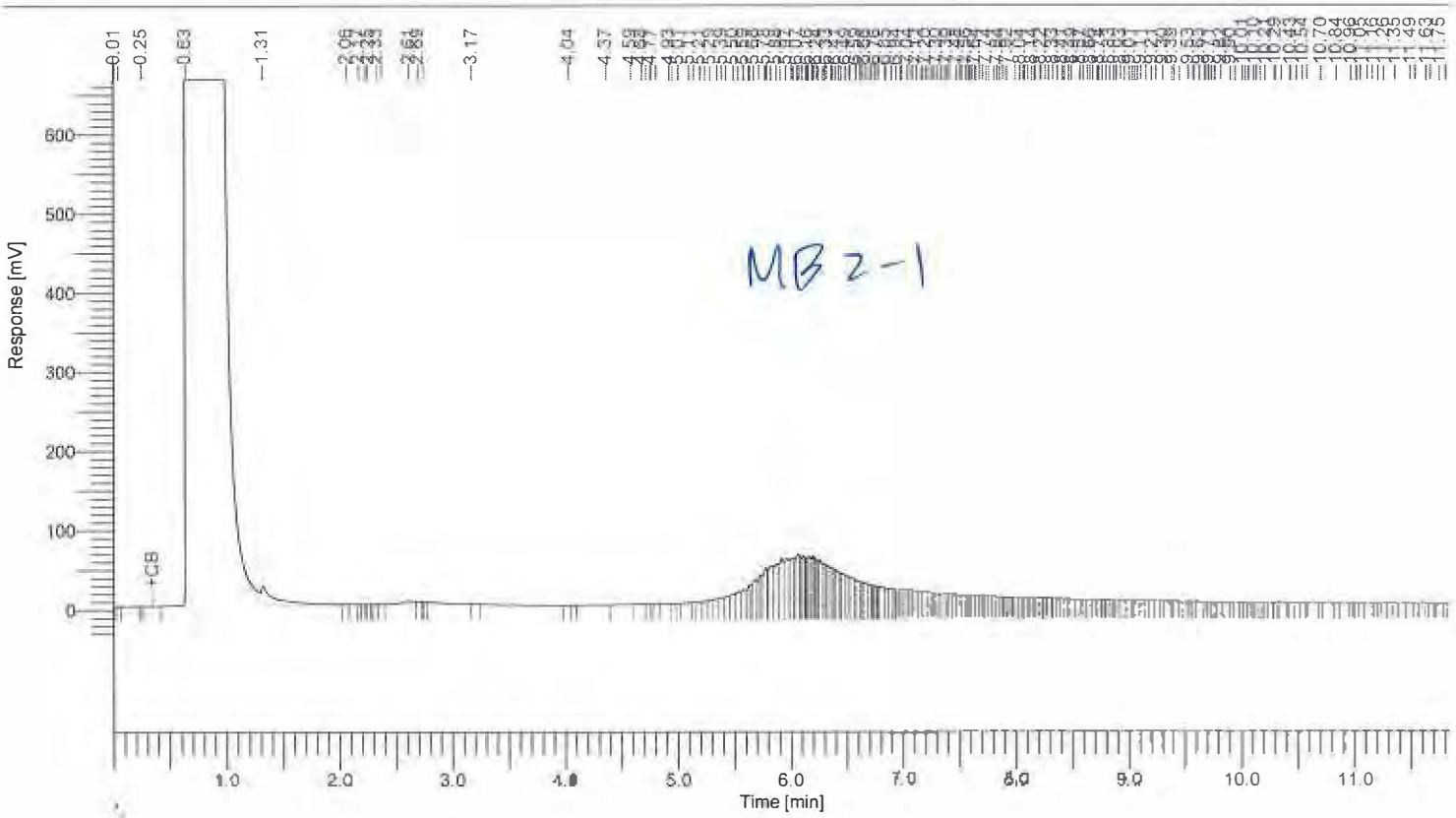
Component Name	Area [uV*sec]	Adjusted Amount
C4~C10	309016	78.2
C10~C28	837068	152.6
C28~C35	634595	454.3
	1780680	685.1

Report stored in ASCII file: E:\GC DATA\GC-I\I2022\I2212\I221212\A035.TXO

Software Version : 6.3.4.0700
Sample Name : 221212-28 ZM2
Instrument Name : GC-I
Rack/Vial : 0/30
Sample Amount : 1.000000
Cycle : 18

Data : 12/13/2022 10:27:31 AM
Data Acquisition Time : 12/12/2022 7:01:17 PM
Channel : A
Operator : tcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2022\I2212\I221212\A036.rst
Sequence File : E:\GC DATA\GC-I\I2022\I2212\I221212\I221212.seq



8015 Results

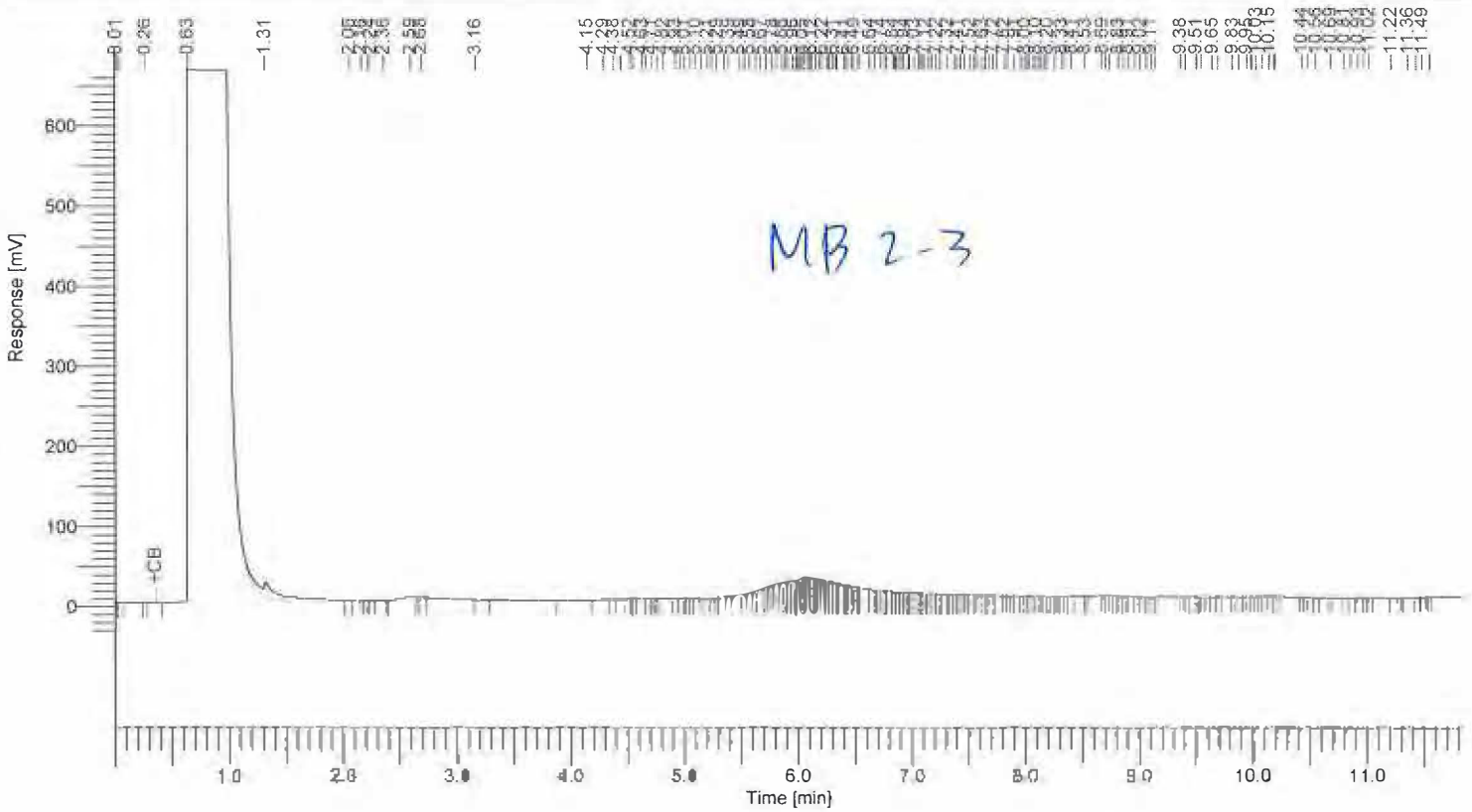
Component Name	Area [uV*sec]	Adjusted Amount
C4~C10	338129	95.6
C10~C28	2709428	511.4
C28~C35	1689915	1326.5
	4737472	1933.6

Report stored in ASCII file: E:\GC DATA\GC-I\I2022\I2212\I221212\A036.TX0

Software Version : 6.3.4.0700
Sample Name : [illegible]
Instrument Name : GC-I
Rack/Vial : 0/31
Sample Amount : 1.000000
Cycle : 19

Date : 12/13/2022 10:27:34 AM
Data Acquisition Time : [illegible]
Channel : A
Operator : tcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2022\I2212\I221212\A037.rst
Sequence File : E:\GC DATA\GC-I\I2022\I2212\I221212\I221212.seq



8015 Results

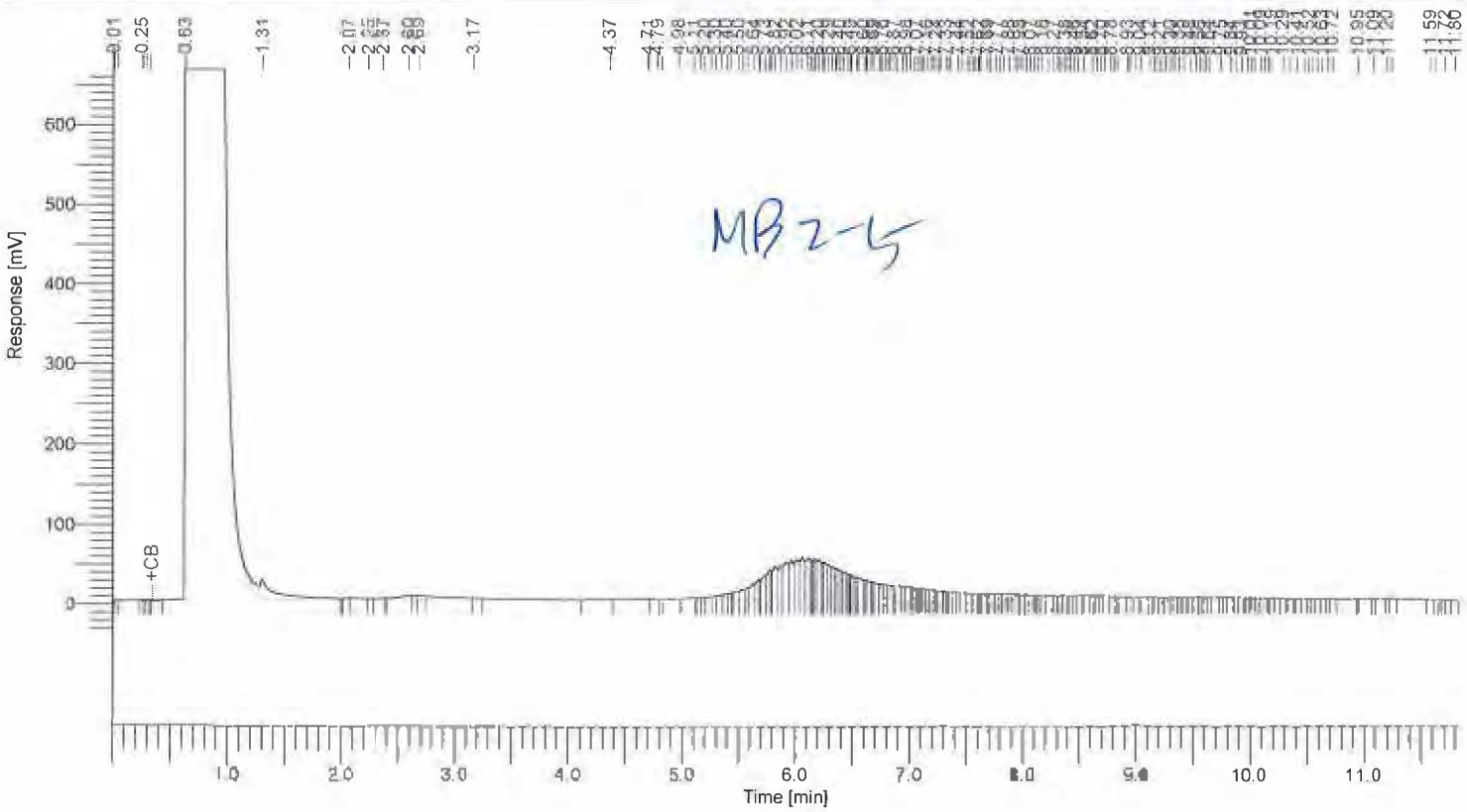
Component Name	Area [uV*sec]	Adjusted Amount
C4~C10	399069	132.1
C10~C28	1274731	236.5
C28~C35	795404	587.2
	2469204	955.8

Report stored in ASCII file: E:\GC DATA\GC-I\I2022\I2212\I221212\A037.TXO

Software Version : 6.3.4.0700
Sample Name : 221212-20 20.0
Instrument Name : GC-I
Rack/Vial : 0/32
Sample Amount : 1.000000
Cycle : 20

Date : 12/13/2022 10:27:38 AM
Data Acquisition Time : 12/12/2022 7:33:06 PM
Channel : A
Operator : tcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2022\I2212\I221212\A038.rst
Sequence File : E:\GC DATA\GC-I\I2022\I2212\I221212\I221212.seq



8015 Results

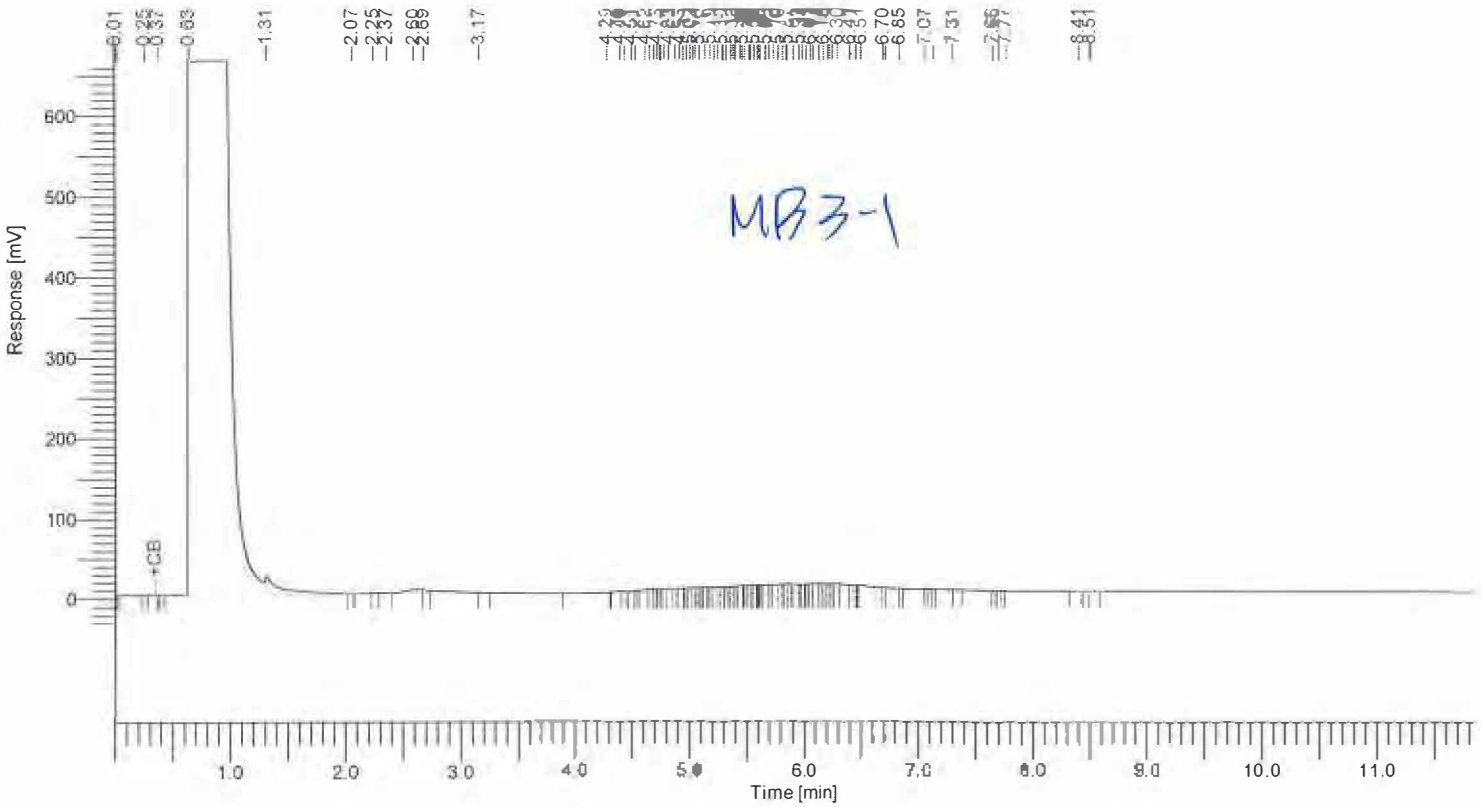
Component Name	Area [uV*sec]	Adjusted Amount
C4~C10	331575	91.7
C10~C28	2277650	428.7
C28~C35	1389753	1078.4
	3998978	1598.8

Report stored in ASCII file: E:\GC DATA\GC-I\I2022\I2212\I221212\A038.TXO

Software Version : 6.3.4.0700
Sample Name: 221212-51 20/2
Instrument Name : GC-I
Rack/Vial : 0/33
Sample Amount : 1.000000
Cycle : 21

Date : 12/13/2022 10:27:42 AM
Data Acquisition Time : 12/13/2022 7:48:58 PM
Channel : A
Operator : tcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2022\I2212\I221212\A039.rst
Sequence File : E:\GC DATA\GC-I\I2022\I2212\I221212\I221212.seq



8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4~C10	340287	96.9
C10~C28	872083	159.4
C28~C35	201595	96.4
	1413965	352.7

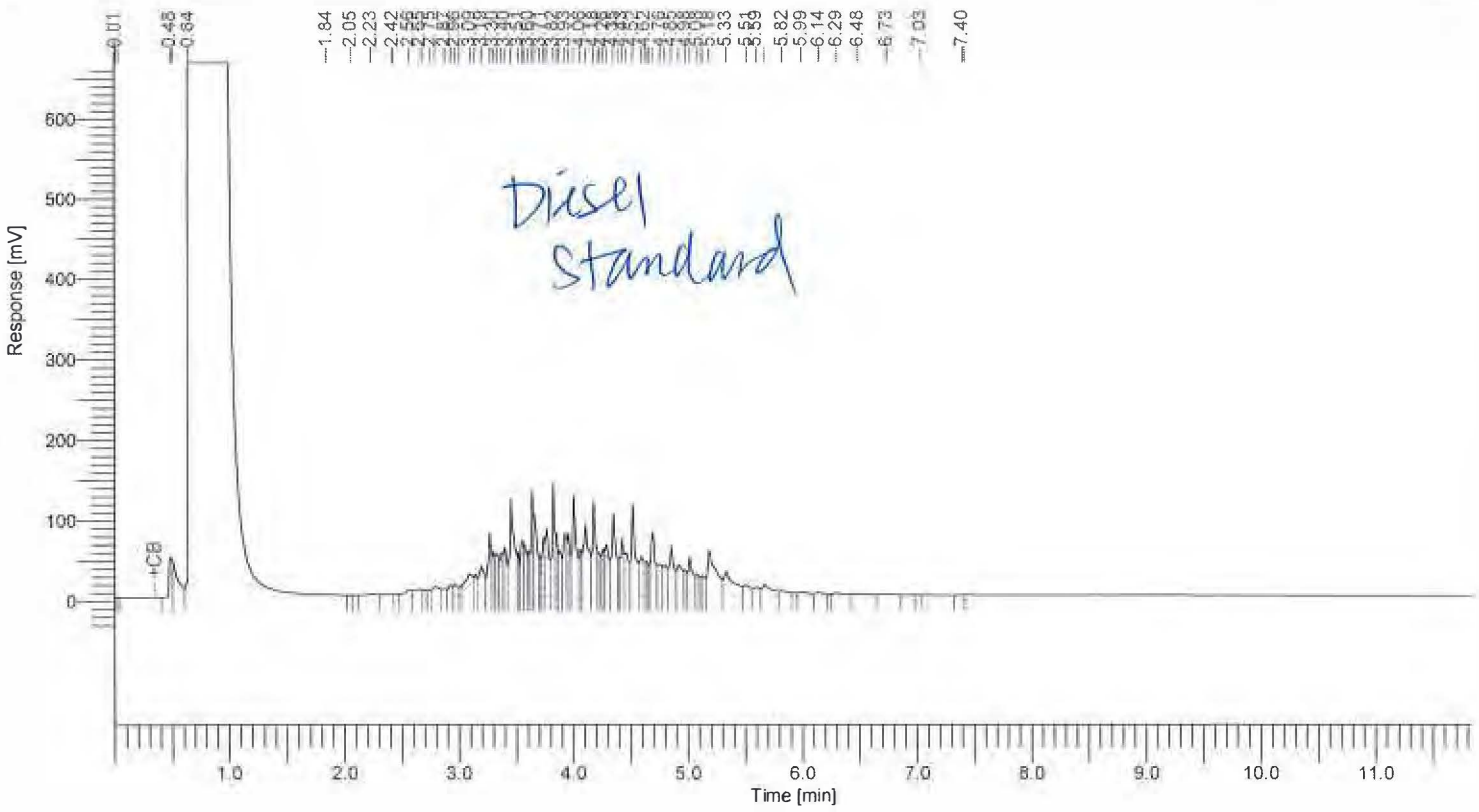
Report stored in ASCII file: E:\GC DATA\GC-I\I2022\I2212\I221212\A039.TXO

Software Version : 6.3.4.0700
Sample Name : DIESEL CCV 200 PPM (GC40/8)
Instrument Name : GC-I
Rack/Vial : 0/4
Sample Amount : 1.000000
Cycle : 2

Date : 12/13/2022 10:25:42 AM
Data Acquisition Time : 12/12/2022 8:24:55 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\2022\I2212\I221212\A005.rst
Sequence File : E:\GC DATA\GC-I\2022\I2212\I221212\I221212.seq
Sample Notes:
CCID CALIBRATION 220509

10 meter



8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C10~C28	7323019	2108.0
	7323019	2108.0

Report stored in ASCII file: E:\GC DATA\GC-I\2022\I2212\I221212\A005.TXO

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 12/12~13/2022 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **221212-33 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0.00	200	161	**81%**	149	**75%**	**8%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	%REC	ACP
C10~C28 Range	200	219	**110%**	**75-125**

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-1** — LAB I.D.: 221212-24

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.28	0.5	1	500	5.0	6010B
Barium(Ba)	48.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	15.6	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	4.73	1.0	1	8,000	80	6010B
Copper(Cu)	10.5	1.0	1	2,500	25	6010B
Lead(Pb)	3.74	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.015	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	5.06	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	26.3	5.0	1	2,400	24	6010B
Zinc(Zn)	38.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-3** — LAB I.D.: 221212-25

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.89	0.5	1	500	5.0	6010B
Barium(Ba)	81.4	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	20.3	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	6.45	1.0	1	8,000	80	6010B
Copper(Cu)	14.8	1.0	1	2,500	25	6010B
Lead(Pb)	3.86	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.021	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	7.40	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	32.4	5.0	1	2,400	24	6010B
Zinc(Zn)	38.6	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
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-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-5** — LAB I.D.: 221212-26

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	1.06	0.5	1	500	5.0	6010B
Barium(Ba)	62.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	15.1	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	4.99	1.0	1	8,000	80	6010B
Copper(Cu)	10.7	1.0	1	2,500	25	6010B
Lead(Pb)	2.52	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.024	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	5.56	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	23.8	5.0	1	2,400	24	6010B
Zinc(Zn)	32.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
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CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-9** — **LAB** I.D.: 221212-27

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	0.675	0.5	1	500	5.0	6010B
Barium(Ba)	20.6	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	10.3	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	2.48	1.0	1	8,000	80	6010B
Copper(Cu)	3.93	1.0	1	2,500	25	6010B
Lead(Pb)	1.38	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.013	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	20.9	5.0	1	2,400	24	6010B
Zinc(Zn)	12.9	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
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CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-1** — LAB I.D.: 221212-28

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	1.80	0.5	1	500	5.0	6010B
Barium(Ba)	37.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	12.1	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	4.20	1.0	1	8,000	80	6010B
Copper(Cu)	9.53	1.0	1	2,500	25	6010B
Lead(Pb)	2.79	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.026	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	4.20	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	22.6	5.0	1	2,400	24	6010B
Zinc(Zn)	24.0	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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PROJECT: **Phase 2 - Mitchell Property**
MATRIX: SOIL — DATE RECEIVED: 12/12/22
SAMPLING DATE: 12/09/22 — DATE ANALYZED: 12/12&13/22
REPORT TO: Ms. LAURA GRIGORYAN — DATE REPORTED: 12/16/22

SAMPLE I.D.: **MB2-3** LAB I.D.: 221212-29

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.24	0.5	1	500	5.0	6010B
Barium(Ba)	72.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	18.7	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	6.04	1.0	1	8,000	80	6010B
Copper(Cu)	13.4	1.0	1	2,500	25	6010B
Lead(Pb)	3.32	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.011	0.01	2	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	7.00	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	29.4	5.0	1	2,400	24	6010B
Zinc(Zn)	37.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-5** — LAB I.D.: 221212-30

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.55	0.5	1	500	5.0	6010B
Barium(Ba)	52.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	15.8	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	4.83	1.0	1	8,000	80	6010B
Copper(Cu)	10.4	1.0	1	2,500	25	6010B
Lead(Pb)	3.09	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.011	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	5.55	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	26.5	5.0	1	2,400	24	6010B
Zinc(Zn)	27.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
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CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
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REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-1** — LAB I.D.: 221212-31

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.24	0.5	1	500	5.0	6010B
Barium(Ba)	86.4	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	19.0	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	6.98	1.0	1	8,000	80	6010B
Copper(Cu)	14.6	1.0	1	2,500	25	6010B
Lead(Pb)	3.67	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.014	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	6.92	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	30.3	5.0	1	2,400	24	6010B
Zinc(Zn)	40.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
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LABORATORY REPORT

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-3** LAB I.D.: 221212-32

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.37	0.5	1	500	5.0	6010B
Barium(Ba)	49.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	14.5	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	--	500	5.0	7196A
Cobalt(Co)	4.77	1.0	1	8,000	80	6010B
Copper(Cu)	10.1	1.0	1	2,500	25	6010B
Lead(Pb)	3.16	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.015	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	4.70	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	28.2	5.0	1	2,400	24	6010B
Zinc(Zn)	24.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-5** LAB I.D.: 221212-33

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	3.45	0.5	1	500	5.0	6010B
Barium(Ba)	131	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	27.7	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	9.16	1.0	1	8,000	80	6010B
Copper(Cu)	22.5	1.0	1	2,500	25	6010B
Lead(Pb)	4.83	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.024	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	11.1	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	40.3	5.0	1	2,400	24	6010B
Zinc(Zn)	65.8	0.5	1	5,000	250	6010B

COMMENTS
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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL — DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 — DATE ANALYZED:12/12&13/22
REPORT TO:Ms. LAURA GRIGORYAN — DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-10** — LAB I.D.: 221212-34

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	4.32	0.5	1	500	5.0	6010B
Barium(Ba)	162	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	30.1	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	10.1	1.0	1	8,000	80	6010B
Copper(Cu)	27.1	1.0	1	2,500	25	6010B
Lead(Pb)	5.95	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.013	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	11.6	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	44.5	5.0	1	2,400	24	6010B
Zinc(Zn)	70.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
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CAL-DHS ELAP CERTIFICATE No.: 1555

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METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN
DATE RECEIVED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-24 THROUGH -34

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.5	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
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QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 12/13/2022 — **Unit : mg/Kg(ppm)**

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	221212-15	50.0	93	PASS	2.06	50.0	44.5	85%	46.0	88%	3%
Copper(Cu)	221212-15	50.0	96	PASS	14.2	50.0	54.5	81%	55.4	82%	2%
Lead(Pb)	221212-15	50.0	99	PASS	3.54	50.0	43.7	80%	44.8	83%	3%

ANALYSIS DATE. : 12/12/2022

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	221209-27	0.125	92	PASS	0.013	0.125	0.116	82%	0.113	80%	3%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Copper(Cu)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	**75 ~ 125**	**75 ~ 125**	**85 ~ 115**	**0 ~ 20**

ANALYST: _____

FINAL REVIEWER: _____

*=Fail due to matrix interference

Note:LCS is in control therefore results are in control

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REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-1** LAB I.D.: 221212-24

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB1-1** LAB I.D.: 221212-24

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-3** LAB I.D.: 221212-25

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB1-3** LAB I.D.: 221212-25

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**
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REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-5** LAB I.D.: 221212-26

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	0.005	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: **Phase 2 - Mitchell Property**
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REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-5** LAB I.D.: 221212-26

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.005	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE **PQL**
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX: SOIL — DATE RECEIVED: 12/12/22
SAMPLING DATE: 12/09/22 — DATE ANALYZED: 12/13/22
REPORT TO: Ms. LAURA GRIGORYAN — DATE REPORTED: 12/16/22

SAMPLE I.D.: **MB1-9** — LAB I.D.: 221212-27

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-9** LAB I.D.: 221212-27

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
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CAL-DHS ELAP CERTIFICATE No.: 1555

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REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-1** LAB I.D.: 221212-28

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB2-1** LAB I.D.: 221212-28

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
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SAMPLE I.D.: **MB2-3** LAB I.D.: 221212-29

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-3** LAB I.D.: 221212-29

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-5** LAB I.D.: 221212-30

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX: SOIL — DATE RECEIVED: 12/12/22
SAMPLING DATE: 12/09/22 — DATE ANALYZED: 12/13/22
REPORT TO: Ms. LAURA GRIGORYAN — DATE REPORTED: 12/16/22

SAMPLE I.D.: **MB2-5** LAB I.D.: 221212-30

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
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REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-1** LAB I.D.: 221212-31

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB3-1** LAB I.D.: 221212-31

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
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REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-3** LAB I.D.: 221212-32

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB3-3** LAB I.D.: 221212-32

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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CAL-DHS ELAP CERTIFICATE No.: 1555

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REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-5** LAB I.D.: 221212-33

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB3-5** LAB I.D.: 221212-33

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions,, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-10** LAB I.D.: 221212-34

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-10** LAB I.D.: 221212-34

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-24 THROUGH -34

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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METHOD BLANK REPORT

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PROJECT: **Phase 2 - Mitchell Property**
MATRIX:SOIL DATE RECEIVED:12/12/22
SAMPLING DATE:12/09/22 DATE ANALYZED:12/13/22
REPORT TO:Ms. LAURA GRIGORYAN DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-24 THROUGH -34

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 12/13-14/22 **Matrix:** Solid/Soil/Liquid
Machine: D **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 221212-31 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.043	86%	0.049	98%	12%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.051	102%	4%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.050	100%	0.045	90%	10%	75-125	0-20
Toluene	0	0.050	0.055	110%	0.050	100%	10%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.054	108%	0.059	118%	10%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.047	94%	75-125
Chlorobenzene	0.050	0.049	98%	75-125
Chloroform	0.050	0.057	114%	75-125
1,1-Dichlorothene	0.050	0.054	108%	75-125
Ethylbenzene	0.050	0.049	98%	75-125
o-Xylene	0.050	0.049	98%	75-125
m,p-Xylene	0.100	0.098	98%	75-125
Toluene	0.050	0.043	86%	75-125
1,1,1-Trichloroethane	0.050	0.052	104%	75-125
Trichloroethene (TCE)	0.050	0.050	100%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	221212-15	221212-16	221212-17	221212-18	221212-19	221212-20
Dibromofluoromethane	50.0	70-130	113%	114%	109%	93%	107%	109%	107%
Toluene-d8	50.0	70-130	113%	116%	116%	113%	119%	116%	124%
4-Bromofluorobenzene	50.0	70-130	117%	122%	127%	140*%	119%	126%	77%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			221212-21	221212-22	221212-23	221212-24	221212-25	221212-26	221212-27
Dibromofluoromethane	50.0	70-130	105%	99%	108%	131*%	105%	120%	121%
Toluene-d8	50.0	70-130	122%	113%	120%	112%	114%	112%	111%
4-Bromofluorobenzene	50.0	70-130	125%	123%	97%	121%	123%	126%	126%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			221212-28	221212-29	221212-30	221212-31	221212-32	221212-33	221212-34
Dibromofluoromethane	50.0	70-130	117%	117%	111%	112%	119%	114%	111%
Toluene-d8	50.0	70-130	112%	113%	110%	112%	109%	111%	109%
4-Bromofluorobenzene	50.0	70-130	123%	126%	123%	125%	121%	125%	126%

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By:

Final Reviewer:

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-1** LAB I.D.: 221212-24

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY:

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

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SAMPLE I.D.: **MB1-1** LAB I.D.: 221212-24

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-3** LAB I.D.: 221212-25

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-3** LAB I.D.: 221212-25

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-5** LAB I.D.: 221212-26

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
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SAMPLE I.D.: **MB1-5** LAB I.D.: 221212-26

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
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SAMPLE I.D.: **MB1-9** LAB I.D.: 221212-27

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB1-9** LAB I.D.: 221212-27

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
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SAMPLE I.D.: **MB2-1** LAB I.D.: 221212-28

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
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DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-1** LAB I.D.: 221212-28

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

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SAMPLE I.D.: **MB2-3** LAB I.D.: 221212-29

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
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SAMPLE I.D.: **MB2-3** LAB I.D.: 221212-29

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
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SAMPLE I.D.: **MB2-5** LAB I.D.: 221212-30

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-5** LAB I.D.: 221212-30

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
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DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-1** LAB I.D.: 221212-31

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
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SAMPLE I.D.: **MB3-1** LAB I.D.: 221212-31

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
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SAMPLE I.D.: **MB3-3** LAB I.D.: 221212-32

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB3-3** LAB I.D.: 221212-32

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**

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SAMPLE I.D.: **MB3-5** LAB I.D.: 221212-33

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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SAMPLE I.D.: **MB3-5** LAB I.D.: 221212-33

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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SAMPLE I.D.: **MB3-10** LAB I.D.: 221212-34

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: **MB3-10** LAB I.D.: 221212-34

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

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METHOD BLANK LAB I.D.: 221212-24 THROUGH -34

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12/22
DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-24 THROUGH -34

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8270C QA/QC Report

Matrix: **Soil/Solid/Sludge/Oil** Unit: mg/Kg (PPM)

Date Analyzed: **12/12-13/22**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **221212-34 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
Phenol	0.0	2.00	1.97	**99%**	2.21	**110%**	**11%**	50-150	0-20
Pyrene	0.0	2.00	2.20	**110%**	2.30	**115%**	**5%**	50-150	0-20

Laboratory Control Spike (LCS):

Analyte	spk conc	LCS	% RC	ACP %RC
Phenol	2.00	2.19	**109%**	75-125
1,4-Dichlorobenzene	2.00	2.17	**108%**	75-125
2,4-Dichlorophenol	2.00	2.07	**103%**	75-125
Hexachlorobutadiene	2.00	2.02	**101%**	75-125
4-Chloro-3-methylphenol	2.00	2.08	**104%**	75-125
Fluoranthene	2.00	2.11	**105%**	75-125

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**MB**	**221212-15**	**221212-16**	**221212-17**	**221212-18**	**221212-19**	**221212-20**
2-Fluorophenol	40	25-121	83%	95%	91%	80%	101%	84%	85%
Phenol-d5	40	24-113	83%	90%	87%	73%	99%	81%	82%
Nitrobenzene-d5	40	23-120	87%	96%	90%	75%	95%	74%	84%
2-Fluorobiphenyl	40	30-115	95%	101%	98%	91%	110%	94%	93%
2,4,6-Tribromophenol	40	19-122	67%	74%	52%	42%	55%	45%	54%
Terphenyl-d14	40	18-137	117%	139*%	109%	124%	107%	126%	114%

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**221212-21**	**221212-22**	**221212-23**	**221212-24**	**221212-25**	**221212-26**	**221212-27**
2-Fluorophenol	40	25-121	91%	94%	89%	23*%	97%	87%	93%
Phenol-d5	40	24-113	88%	93%	85%	84%	95%	85%	91%
Nitrobenzene-d5	40	23-120	80%	82%	94%	74%	86%	78%	83%
2-Fluorobiphenyl	40	30-115	98%	103%	92%	91%	101%	92%	98%
2,4,6-Tribromophenol	40	19-122	54%	54%	63%	64%	64%	59%	63%
Terphenyl-d14	40	18-137	124%	134%	115%	114%	125%	113%	119%

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**221212-28**	**221212-29**	**221212-30**	**221212-31**	**221212-32**	**221212-33**	**221212-34**
2-Fluorophenol	40	25-121	25%	84%	92%	82%	82%	24*%	27%
Phenol-d5	40	24-113	91%	83%	91%	80%	79%	95%	85%
Nitrobenzene-d5	40	23-120	85%	75%	86%	76%	77%	93%	81%
2-Fluorobiphenyl	40	30-115	96%	85%	96%	89%	88%	105%	94%
2,4,6-Tribromophenol	40	19-122	64%	59%	68%	63%	67%	75%	64%
Terphenyl-d14	40	18-137	121%	107%	120%	111%	108%	1269%	115%

** = Surrogate fail due to matrix interference*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-1** LAB I.D.: 221212-24

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-3** LAB I.D.: 221212-25

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-5** LAB I.D.: 221212-26

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

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6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB1-9** LAB I.D.: 221212-27

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
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DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-1** LAB I.D.: 221212-28

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

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PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-3**

LAB I.D.: 221212-29

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
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Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB2-5** LAB I.D.: 221212-30

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-1**

LAB I.D.: 221212-31

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-3** LAB I.D.: 221212-32

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-5** LAB I.D.: 221212-33

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/13/22
DATE REPORTED:12/16/22

SAMPLE I.D.: **MB3-10** LAB I.D.: 221212-34

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **TRC Solutions, Inc**
6 Executive Circle, #200, Irvine, CA 92614
Tel:(949)560-3077 E-Mail: LGrigoryan@TRCCompanies.com

PROJECT: **Phase 2 - Mitchell Property**

MATRIX:SOIL
SAMPLING DATE:12/09/22
REPORT TO:Ms. LAURA GRIGORYAN

DATE RECEIVED:12/12/22
DATE EXTRACTED:12/12/22
DATE ANALYZED:12/12&13/22
DATE REPORTED:12/16/22

METHOD BLANK LAB I.D.: 221212-24 THROUGH -34

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081A QA/QC Report

Matrix: **Soil/Solid/Liquid(Oil)** Date Analyzed: **12/13/22**

Unit: **mg/Kg (ppm)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **221212-31 MS/MSD**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.00500	0.00561	**112%**	0.00520	**104%**	**8%**	**0-20%**	**70-130**
Aldrin	0.000	0.00500	0.00575	**115%**	0.00578	**116%**	**1%**	**0-20%**	**70-130**
4,4-DDE	0.000	0.00500	0.00604	**121%**	0.00590	**118%**	**2%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00540	**108%**	**75-125**
Aldrin	0.00500	0.00560	**112%**	**75-125**
4,4-DDE	0.00500	0.00586	**117%**	**75-125**
Dieldrin	0.00500	0.00496	**99%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	221212-15	221212-16	221212-17	221212-18	221212-19	221212-20
Tetra-chloro-meta-xylene	50-150	92%	91%	84%	87%	94%	99%	91%
Decachlorobiphenyl	50-150	95%	105%	105%	116%	91%	91%	136%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		221212-21	221212-22	221212-23	221212-24	221212-25	221212-26	221212-27
Tetra-chloro-meta-xylene	50-150	100%	85%	75%	200*%	99%	95%	93%
Decachlorobiphenyl	50-150	112%	100%	132%	81%	94%	95%	94%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		221212-28	221212-29	221212-30	221212-31	221212-32	221212-33	221212-34
Tetra-chloro-meta-xylene	50-150	92%	88%	86%	93%	88%	95%	94%
Decachlorobiphenyl	50-150	106%	111%	89%	74%	80%	91%	89%

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid/Liquid** Date Analyzed: **12/12~13/2022**

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 221212-32 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	0.00	0.100	0.097	**97%**	0.097	**97%**	**0%**	**0-20%**	**70-130**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.105	**105%**	**75-125**

S.R. = Sample Result
spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By:

Final Reviewer:

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE # 1555

Turnaround Time
- ☐ Same Day
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 72 Hours
- ☐ Normal (5 Days)
- ☐ Other

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required: TPH-G, TPH-D, TPH-O	EPA 8015 Title 22 Metals	EPA 6010 VOCs	EPA 8260B Pesticides, PCBs	EPA 8081/8082 SVOCs	EPA 8270					COMMENTS
MB 1-1	22122-24	12/8/22	8:20am	S	5	1.4 °C		X	X	X	X	X						
MB 1-3	-25	12/8/22	3:30pm	S	5	1.4 °C		X	X	X	X	X						
MB1-5	-26	12/8/22	3:35pm	S	5			X	-	X	X	X						
MB 1-9	-27	12/8/22	4:15pm	S	5			X	X	X	X	X						
MB 2-1	-28	12/8/22	4:30pm	S	5			X	X	X	X	X						
MB 2-3	-29	12/8/22	4:45pm	S	5			X	X	X	X	X						
MB 2-5	-30	12/8/22	5:00pm	S	5			X	X	X	X	X						
MB 3-1	-31	12/8/22	5:10pm	S	5			X	X	X	X	X						
MB 3-3	-32	12/8/22	5:18pm	S	5			X	X	X	X	X						
MB3-5	-33	12/8/22	5:27pm	S	5			X	X	X	X	X						
MB3-10	-34	12/8/22	5:50pm	S	5			X	X	X	X	X						

Misc

Company Name: TRC
Address: 6 Executive Cir. St. 200
City/State/Zip: Irvine CA 92614

Project Contact: Laura Grigoryan
Tel: 949-580-3077
Fax:

Sampler's Signature:
Project Name/ID: Phase 2 - Mitchell Property

Relinquished by: Laura Grigoryan	Received by: I-Chen Lin	Date & Time: 12/12/22 9:41	Instructions for Sample Storage After Analysis: ☐ Dispose of ☐ Return to Client ☐ Store (30 Days) ☐ Other
Relinquished by:	Received by:	Date & Time:	
Relinquished by:	Received by:	Date & Time:	

CHAIN OF CUSTODY RECORD

Date: 12/8/22

WHITE WITH SAMPLE, YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE # 1555

Turnaround Time
- Same Day
- 24 Hours
- 48 Hours
- 72 Hours
- [illegible]
- Other

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	# OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required					COMMENTS
								TPH - C7 - C44 (EPA 8015 Mod)	TPH as Diesel (EPA 8015 Mod)	TPH as Gasoline (EPA 8015 Mod)	BTEX (EPA 8021/8260)	EPA 8260	
MB 1-1	22122-24	12/2/22	8:20am	S	5	4.5°C		X	X	X	X	X	
MB 1-3	-25	12/2/22	8:30am	S	5	[illegible]		X	X	X	X	X	
MB1-5	-26	12/2/22	8:35am	S	5			X	X	X	X	X	
MB 1-9	-27	12/2/22	9:15am	S	5			X	X	X	X	X	
MB 2-1	-28	12/2/22	1:20pm	S	5			X	X	X	X	X	
MB 2-3	-29	12/2/22	4:45pm	S	5			X	X	X	X	X	
MB 2-5	-30	12/2/22	5:00pm	S	5			X	X	X	X	X	
MB 3-1	-31	12/2/22	5:10pm	S	5			X	X	X	X	X	
MB 3-3	-32	12/2/22	5:18pm	S	5			X	X	X	X	X	
MB 3-5	-33	12/2/22	5:27pm	S	5			X	X	X	X	X	
MB 3-10	-34	12/2/22	5:45pm	S	5			X	X	X	X	X	

Sample Date should be 12/9/22 for all sample locations JM

Company Name: TRL
Address: 6 Executive Cir. St. 200
City/State/Zip: Irvine CA 92614
Project Contact: Laura Langman
Tel: 949-560-3077
Fax:
Sampler's Signature:
Project Name/ID: Phase 2 - Mitchell Property

Relinquished by: Laura Langman — Received by: I Chen Lin — Date & Time: 12/2/22 4:41
Relinquished by: — Received by: — Date & Time:
Relinquished by: — Received by: — Date & Time:

Instructions for Sample Storage After Analysis:

Sample Date should be 12/9/22 JM

CHAIN OF CUSTODY RECORD

Date: 12/8/22

WHITE WITH SAMPLE, YELLOW TO CLIENT

Page 1 of 1

6 Executive Circle
Suite 200
Irvine, CA 92614

T 949.727.9336
TRCcompanies.com

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1.0 INTRODUCTION

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2.0 SAMPLING AND RESULTS

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3.0 FINDINGS

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4.0 CONCLUSIONS

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TABLE 1 - TOTAL PETROLEUM HYDOCARBONS (TPH) AND METALS
VAN LEEUWEN
BARSTOW, CALIFORNIA

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TABLE 1 - TOTAL PETROLEUM HYDOCARBONS (TPH) AND METALS
VAN LEEUWEN
BARSTOW, CALIFORNIA

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TABLE 2 - VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN
BARSTOW, CALIFORNIA

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□□□□□□	□□□□□□□□	<0.0564 J4	<0.0605 J4	<0.0687 J4	<0.0869 J4	<0.0572 J4	<0.0512 J4	<0.0555 J4	<0.0523 J4	<0.0523 J4
□□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□□□□□□	□□□□□□□	<0.00113	<0.00121	<0.00137	<0.00174	<0.00114	<0.00102	<0.00111	<0.00105	<0.00105
□□□M□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□□□M□□□□□□□M□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□M□□□□M	□□□□□□	<0.0282	<0.0302	<0.0344	<0.0435	<0.0286	<0.0256	<0.0278	<0.0262	<0.0262
□□□M□M□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□□□□□□□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□□□□□□□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□□□□□□ □□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□□□□□□□□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□□□□M□M□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□□□□□□□□□M	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□M□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□□□□□□□□□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□□□□□□□□M□□□□□□□□□□□□□	□□□□□□	<0.0282	<0.0302	<0.0344	<0.0435	<0.0286	<0.0256	<0.0278	<0.0262	<0.0262
□,□□□□□□□M□□□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□M□M□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□□□□□□□□□□□□□□M□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□,□,□□□□□□□□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□,□,□□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□□□□□□□□□□□□□□	□□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523

TABLE 2 - VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN
BARSTOW, CALIFORNIA

□□M□□□ □□, □□□□□, □□d □□□□□□□□ □□□□□□ □Mr□□ □□□□□, □□□□										
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□□□□□□□ M□□□□ □□□□	□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	□□□□□
□□□□,□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□,□□□□□□□□□□□□	□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□□□□□□	□□□□□□	<0.00113	<0.00121	<0.00137	<0.00174	<0.00114	<0.00102	<0.00111	<0.00105	<0.00105
□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□□□□□□,□□□□□□□□□□	□□□□□□	<0.0282	<0.0302	<0.0344	<0.0435	<0.0286	<0.0256	<0.0278	<0.0262	<0.0262
□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□□□□□□□□	□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□□□□□□□□□ M□□□	□□□□□	<0.113	<0.121	<0.137	<0.174	<0.114	<0.102	<0.111	<0.105	<0.105
M□□□□□□□□ □□□□□□□□	□□□□□□	<0.0282	<0.0302	<0.0344	<0.0435	<0.0286	<0.0256	<0.0278	<0.0262	<0.0262
□M□□□□□□□□□□□□□□□□ M□□□□	□□□□□□	<0.0282	<0.0302	<0.0344	<0.0435	<0.0286	<0.0256	<0.0278	<0.0262	<0.0262
M□□□□□ □□□□□□□□□ □□□□□	□□□□□□	<0.00113	<0.00121	<0.00137	<0.00174	<0.00114	<0.00102	<0.00111	<0.00105	<0.00105
□□□□□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□□□□□□□□□□□□□	□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□,□,□□□□□□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□,□□□□□□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□,□□□□□□□□□□□□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□	□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□,□□□□□□□□□□□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□,□,□□□□□□□□□□□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□,□,□□□□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□,□□□□□□□□□□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□□□□□□□□□□□□□□	□□□□□□	<0.00113	<0.00121	<0.00137	<0.00174	<0.00114	<0.00102	<0.00111	<0.00105	<0.00105
□□□□□□□□□□□□□□□M□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□,□□□□□□□□□□□□□□□□	□□□□□□	<0.0141	<0.0151	<0.0172	<0.0217	<0.0143	<0.0128	<0.0139	<0.0130	<0.0131
□,□,□□□□M□□□□□□□□□□□	□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□,□,□□□□M□□□□□□□□□□□	□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□□□□ □□□□□□□□	□□□□□□	<0.00282	<0.00302	<0.00344	<0.00435	<0.00286	<0.00256	<0.00278	<0.00262	<0.00262
□,□,□□□□M□□□□□□□□□□□	□□□□□□	<0.00564	<0.00605	<0.00687	<0.00869	<0.00572	<0.00512	<0.00555	<0.00523	<0.00523
□□□□□□, □□□□	□□□□□□	<0.00733	<0.00787	<0.00893	<0.0113	<0.00744	<0.00666	<0.00723	<0.00679	<0.00680

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TABLE 2 - VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN
BARSTOW, CALIFORNIA

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TABLE 2 - VOLATILE ORGANIC COMPOUNDS
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BARSTOW, CALIFORNIA

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TABLE 3 - SEMI-VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN
BARSTOW, CALIFORNIA

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TABLE 3 - SEMI-VOLATILE ORGANIC COMPOUNDS
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TABLE 3 - SEMI-VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN
BARSTOW, CALIFORNIA

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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TABLE 3 - SEMI-VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN
BARSTOW, CALIFORNIA

[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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TABLE 4 - PESTICIDES / PCBs
VAN LEEUWEN
BARSTOW, CALIFORNIA

SA M□LE □□, DEPTH , □□d ANALYSI □ RESULT - M□r□□ 15 1□, 2022										
ANALYS □S □□ g kg)	ASTs Fue ing □r□□									
PEST □C□DES- EPA M□THOD 8081	□□□□□(2 □	SB1- 0'	SB □- □'	SB □- □'	SB □- □'	SB □- □'	SB □- □'	SB □- □'	SB □- 0'	SB3- 0'
□□□□□□	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
A □PHA BHC	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
BETA BHC	<0.208	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
D□LTA BHC	<0.208	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
□□MM□ BHC	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
4,4- □DD	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
4,4- □DE	<0.208	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
4,4- □DT	<0.208	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
D□□LDRI □	<0.208	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
END □SULFAN I	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
END □SULFAN □□	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
END □SULFAN SU □FAT □	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
END □I □	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
END □I □ ALDEHYDE	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
END □I □ KETONE	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
H□PTA □HLOR	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
H□PTA □HLOR EPOX □□E	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
H□X □CHLOROBENZENE	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
M□THOXYCHLOR	<0 20 □	<0 0209	<0 0202	<0 0229	<0 0227	<0 0206	<0 0202	<0 0204	<0 0204	<0 204
CHLORDANE	<3 11	<0 313	<0 303	<0 344	<0 341	<0 309	<0 304	<0 306	<0 305	<3 05
TOX □PHENE	<4 15	<0 417	<0 404	<0 459	<0 455	<0 412	<0 405	<0 408	<0 407	<4 07
PCBs □EPA M□THOD 8082										
PCB 1016	<0.353	<0 0355	<0 0343	<0 0390	<0 0386	<0 0350	<0 0344	<0 0347	<0 0346	<0 346
PCB 1221	<0.353	<0 0355	<0 0343	<0 0390	<0 0386	<0 0350	<0 0344	<0 0347	<0 0346	<0 346
PCB 1232	<0.353	<0 0355	<0 0343	<0 0390	<0 0386	<0 0350	<0 0344	<0 0347	<0 0346	<0 346
PCB 1242	<0.353	<0 0355	<0 0343	<0 0390	<0 0386	<0 0350	<0 0344	<0 0347	<0 0346	<0 346
PCB 1248	<0.177	<0 0177	<0 0172	<0 0195	<0 0193	<0 0175	<0 0172	<0 0173	<0 0173	<0 173
PCB 1254	<0.177	<0 0177	<0 0172	<0 0195	<0 0193	<0 0175	<0 0172	<0 0173	<0 0173	<0 173
PCB 1260	<0.177	<0 0177	<0 0172	<0 0195	<0 0193	<0 0175	<0 0172	<0 0173	<0 0173	<0 173

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TABLE 4 - PESTICIDES / PCBs
VAN LEEUWEN
BARSTOW, CALIFORNIA

SA M□LE □□, DEPTH , □□d ANALYSI □ RESULT - M□r□□ 15 1□, 2022							
ANALYSI □ □mg/kg)	□□□□□i□□ □□□d	AST an 1 Pol □T□nk	Drum □□□r□□□ □r□□1	Drum □□□r□□□ □r□□2	□rri□□□i□□ Well □□r□□□03	Stock □ile	□rri□□□i□□ □ □□□ □□r□□□36
PESTI □□DES- EPA M□THOD 808 □	SS □1 (2 □	SS □2 (2 □	SS □3 (2 □	SS □4 (2')	SS □6 □2')	SS □□	SS □□ (□□
ALDR □□	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
ALPHA BHC	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
BETA BHC	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
DELTA BHC	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
GAMMA BHC	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
4 4- □DD	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
4 4- □DE	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
4 4- □DT	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
D□ELDRI □	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
ENDOSULFAN I	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
ENDOSULFAN □□	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
ENDOSULFAN SULFATE	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
ENDR □□	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
ENDR □□ ALDE □YDE	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
ENDR □□ KETO □E	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
HEPTACHLOR	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
HEPTACHLOR EPOX □DE	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
HEXACHLOROBENZENE	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
METHOXYCHLOR	<0 202	<0 204	<0 206	<0 205	<0 0207	<1 97	<0. 06
CHLORDAN □	<3 03	<3 07	<3 09	<3 08	<0 310	<29.]	<3. 9
TOXAPHENE	<4 04	<4 09	<4 12	<4 11	<0 413	<39.]	<4. 1
□□□□- EPA M□THOD 8082							
P□B 1016	<0 343	<0 348	<0 351	<0 349	<0 0351	<3 35	<0. 50
P□B 1221	<0 343	<0 348	<0 351	<0 349	<0 0351	<3 35	<0. 50
P□B 1232	<0 343	<0 348	<0 351	<0 349	<0 0351	<3 35	<0. 50
P□B 1242	<0 343	<0 348	<0 351	<0 349	<0 0351	<3 35	<0. 50
P□B 1248	<0 172	<0 174	<0 175	<0 175	<0 0176	<1 67	<0. 75
P□B 1254	<0 172	<0 174	<0 175	<0 175	<0 0176	<1 67	<0. 75
P□B 1260	<0 172	<0 174	<0 175	<0 175	<0 0176	<1 67	<0. 75

□ □ □□□d□□□□□d above □□□□r□d De ec□on □i□i□hown i□ □□r□□□□□□□□□
□g kg = □i□i□r□□ □□□r □i□□r□□

TABLE 5 - WATER ANALYSIS RESULTS

TPH and METALS
VAN LEEUWEN PROPERTY
BARSTOW, CALIFORNIA

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□□□ □□□□ M□□□d □□□□□□□□	
□□ □□□	<0.100
□□□□□	<0.100
□□□□□	<0.100
□□□□□	<0.100
□□□ M□□□d □□□□□r □□□□□	
□□□□□□□□□ □□□□M□□M	<0.000500
M□□□□□□□□ M□□□d □□□□□□□□□□□□□	
□□□M□□□	<0.00400
□□□□□□	0.0137[1]
□□□□□M	0.114
□□□□□□□M	<0.00200
□□□M□□M	<0.00100
□□□□M□□M	<0.0100
□□□□□	<0.0100
□□□□□	0.0141
□□□□	<0.00200
M□□□□□□□□M	<0.00500
M□□□□□□	<0.000200
□□□□□	<0.00200
□□□□□□M	<0.00200
□□□□□	<0.00200
□□□□□□M	<0.00200
□□□□□□M	0.0287
□□□□	0.105

[1] □r□□i□□□□□d□□□□□□i□r□i□M□□ □r dri□i□□ □□r □□□□□□□□ □□□□□□□□ □ □ □□d□□□□d □□□□□□□□r□d □□□□i□□□i□i□□□□□□i□□r□□□□□□□□□□ □□□□ □ □i□i□r□□ □□□r i□r □□□ □□□d□□□M□r□□ □□, □□□□

TABLE 5 - WATER ANALYSES RESULTS
VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN PROPERTY
BARSTOW, CALIFORNIA

ANA □Y □I □	□□id□□i□□□ □□□ □□ □□□)
VOCs- □PA M ETHOD 8260 □	
ACETONE	<0. 500
ACROLE □□	<0. 500
ACRYLONI □R □□E	<0. 100
BENZENE	<0. 0100
BRO MOBENZENE	<0. 0100 J □
BRO MOD □CHLORO M ETHANE	<0. 0100 J □
BRO MOFOR M	<0. 0100
BRO MOMETHANE	<0. 0500 J □
N □BUTYLBENZENE	<0. 0100
SEC □□UTYLBE □ZENE	<0. 0100
TERT- □UTYLBENZENE	<0. 0100
CARBON TETRACHLORI □E	<0. 0100
CHLOROBENZENE	<0. 0100
CHLORODI □RO MOMETHANE	<0. 0100
CHLOROETHANE	<0. 0500
CHLOROFOR M	<0. 0500
CHLORO METHANE	<0. 0250
2 □□HLOROTOLUENE	<0. 0100
4 □□HLOROTOLUENE	<0. 0100
1,2- □I □RO M □- □-CHLOROPROPANE	<0. 0500 J □
1,2- □I □RO M □ETHANE	<0. 0100
D □BRO MOMETHANE	<0. 0100
1,2- □I □HLORO □ENZENE	<0. 0100
1,3- □I □HLORO □ENZENE	<0. 0100
1,4- □I □HLORO □ENZENE	<0. 0100
D □CHLORODIFLUORO ME □HANE	<0. 0500
1,1- □I □HLORO □THANE	<0. 0100
1,2- □I □HLORO □THANE	<0. 0100
1,1- □I □HLORO □THENE	<0. 0100
C □S □,2 D □□HLOROE □H □NE	<0. 0100
TRANS □1,2- □ICHLOROETHENE	<0. 0100
1,2- □I □HLORO □ROPANE	<0. 0100
1,1- □I □HLORO □ROPEN □	<0. 0100
1,3- □I □HLORO □ROPANE	<0. 0100
C □S □,3 D □□HLOROPRO □ENE	<0. 0100
TRANS □1,3- □ICHLOROPROPENE	<0. 0100
2,2- □I □HLORO □ROPANE	<0. 0100
D □- □OPROPYL ETHER	<0. 0100
ETHYLBENZENE	<0. 0100
HEXACHLORO □1,3- □UTADI □NE	<0. 0100
I □OPROPYLBENZENE	<0. 0100
P □S □PRO □YLT □LUENE	<0. 0100
2 □□UTANONE □MEK)	<0. 100
METHYLENE CHLORI □E	<0. 0500
4 METHYL- □P □NTANONE □M □□)	<0. 100
METHYL TERT □BUT □L ETHER	<0. 0100
NAPHTHALEN □	<0. 0500
N □PROPY □BENZENE	<0. 0100
STYRENE	<0. 0100
1,□,□,2 □ETR □CHLOROETHA □E	<0. 0100
1,□,□,2 □ETR □CHLOROETHA □E	<0. 0100 J □
1,□,2 TRI □HLOROTR □FLUOROETHA □	<0. 0100

TABLE 5 - WATER ANALYSES RESULTS
VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN PROPERTY
BARSTOW, CALIFORNIA

ANA □Y □I □	□□id□□i□□□ □□□ □□ □□□)
VOCs- □PA METHOD 8260 □	
TETRACHLOROETHENE	<0. 0100
TOLUENE	<0. 0100
1,□,3-TRI □HLOROBENZENE	<0. 0100 J □
1,□,4-TRI □HLOROBENZENE	<0. 0100 J □
1,□,1-TRI □HLOROETHANE	<0. 0100
1,□,2-TRI □HLOROETHANE	<0. 0100
TRI □HLOROETHENE	<0. 0100
TRI □HLOROFLUORO METHANE	<0. 0500
1,□,3-TRI □HLOROPR □PANE	<0. 0250
1,□,4-TR □METHYLBENZENE	<0. 0100
1,□,3-TR □METHYLBENZENE	<0. 0100
V □NYL CHLOR □□E	<0. 0100
1,□,5-TR □METHYLBENZENE	<0. 0100
□□□□□□, TOT □□	<0.00300

□ □ □□□d□□□□□d □□□□□□□□□r□□d De ec ion □i□i□hown i□□r□□□□□□□□□
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Sam □le date: M□r□□ 1□, 2022

TABLE 5 - WATER ANALYSIS RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS
VAN LEEUWEN PROPERTY
BARSTOW, CALIFORNIA

ANA □YS □□	□□id□□i□□□ □□□ □□g/L)
SVOCs - □PA M□□□□d □270C	
AC □NAPHT □EN □	□□. 0100
AC □NAPHT □YL □NE	□□. 0100
ANT □RAC □NE	□□. 0100
BENZIDINE	□□. 100 □□
BENZ □□□□NTHRAC □NE	□□. 0100
BENZ □□□□L□□RANTHE □□	<□. 0100
BENZ □□□□LU□□ANT □□NE	<0 00100
□□□□□□,□,□□□□□□□□□	<□. 0100
BENZ □□□□YRENE	<□. 0100
□□□□□□□□□□□□□□□□□□□□M□□□□□□	<0 0100
□□□□□□□□□□□□□□□□□□□□□□□□□□	<□. 100
2,2-OXYBIS(1-CHLOROPROPANE)	<□. 100
4-BROMOPHENYL-PHENYLETHER	<□. 100
2-CHLORONAPHTHALENE	<□. 0100
4-CHLOROPHENYL-PHENYLETHER	<□. 100
CHR □S □NE	<□. 0100
□□□□□□□□,□□□□□□□□□□□□	<0 00100
□,3 □□□□□□□□□□□□□□□□□	<0 0100 □□
2,4-DINITROTOLUENE	<0 0100
2,6-DINITROTOLUENE	<0 0100
FLUORANTHENE	<0 00100
F□UO□EN □	<0 00100
HEXACHLOROBENZENE	<0 00100
HEXACHLORO-1,3-BUTADIENE	<0 0100
HEXACHLOROCYCLOPENTADIENE	<0 0100
HEXACHLOROETHANE	<0 0100
□□□□□□□□,□,3 □□□□□□□□□	<0 00100
ISOPHORONE	<0 0100
NAPHT □□□ENE	<0 00100
□□□□□□□□□□□□	<0 0100
N-NITROSODIMETHYLAMINE	<0 0100
N-NITROSODIPHENYLAMINE	<0 0100
N-NITROSODI-N-PROPYLAMINE	<0 0100
□□□□□□□□□□□□	<0 00100
BENZYLBUTYL PHTHALATE	<0 00300
BIS(2-ETHYLHEXYL)PHTHALATE	<0 00300
DI-N-BUTYL PHTHALATE	<0 00300
DIETHYL PHTHALATE	<0 00300
DIMETHYL PHTHALATE	<0 00300
DI-N-OCTYL PHTHALATE	<0 00300
□□□□□□	<0 00100
1,2,4-TRICHLOROBENZENE	<0 0100
4-CHLORO-3-METHYLPHENOL	<0 0100
2-CHLOROPHENOL	<0 0100
2,4-DICHLOROPHENOL	<0 0100
2,4-DIMETHYLPHENOL	<0 0100
4,6-DINITRO-2-METHYLPHENOL	<0 0100
2,4-DINITROPHENOL	<0 0100
2-NITROPHENOL	<0 0100
4-NITROPHENOL	<0 0100
PENTACHLOROPHENOL	<0 0100
2,4,6-TRICHLOROPHENOL	<0 0100
□□□□□□	<0 0100

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J4 □The □□□□i□□d □□□□□ QC wa □□□□id□□□□ □□□□□i□□□d □□□i□□ □□□r□□r□□□□ □□r □cc □racy.
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TABLE 5 - WATER ANALYSIS RESULTS
PESTICIDES/PCBs
VAN LEEUWEN PROPERTY
BARSTOW, CALIFORNIA

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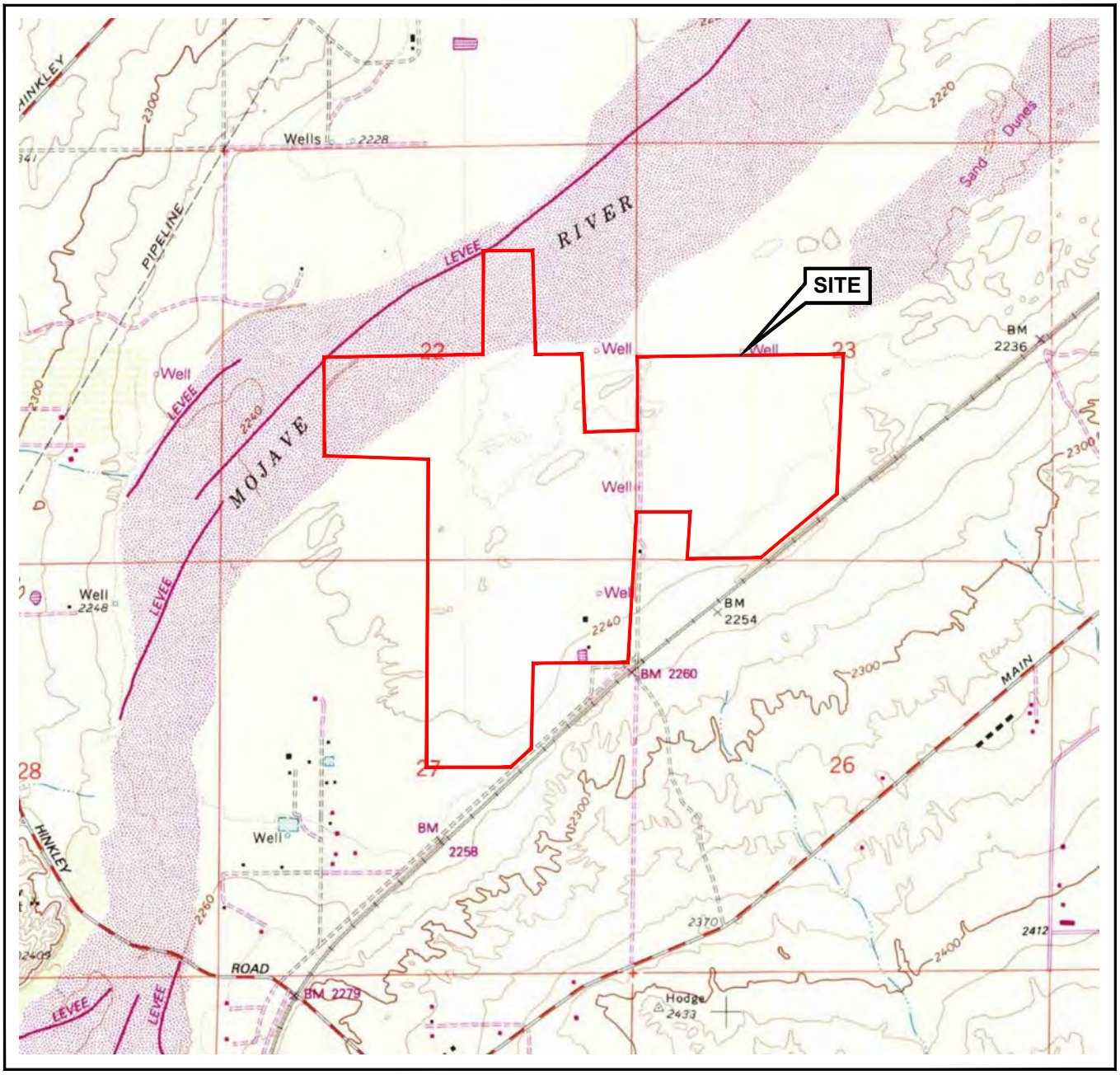


0 1/4 1/2 3/4 1 MILE

SCALE 1" = 2,000'

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
1993 Hodge Quadrangle

TRC
17911 Von Karman Avenue
Suite 400
Irvine, CA 92614
Phone: 949.727.9336

PROJECT:

BNSF - VAN LEEUWEN
22404 CANNAE ROAD
BARSTOW, CALIFORNIA

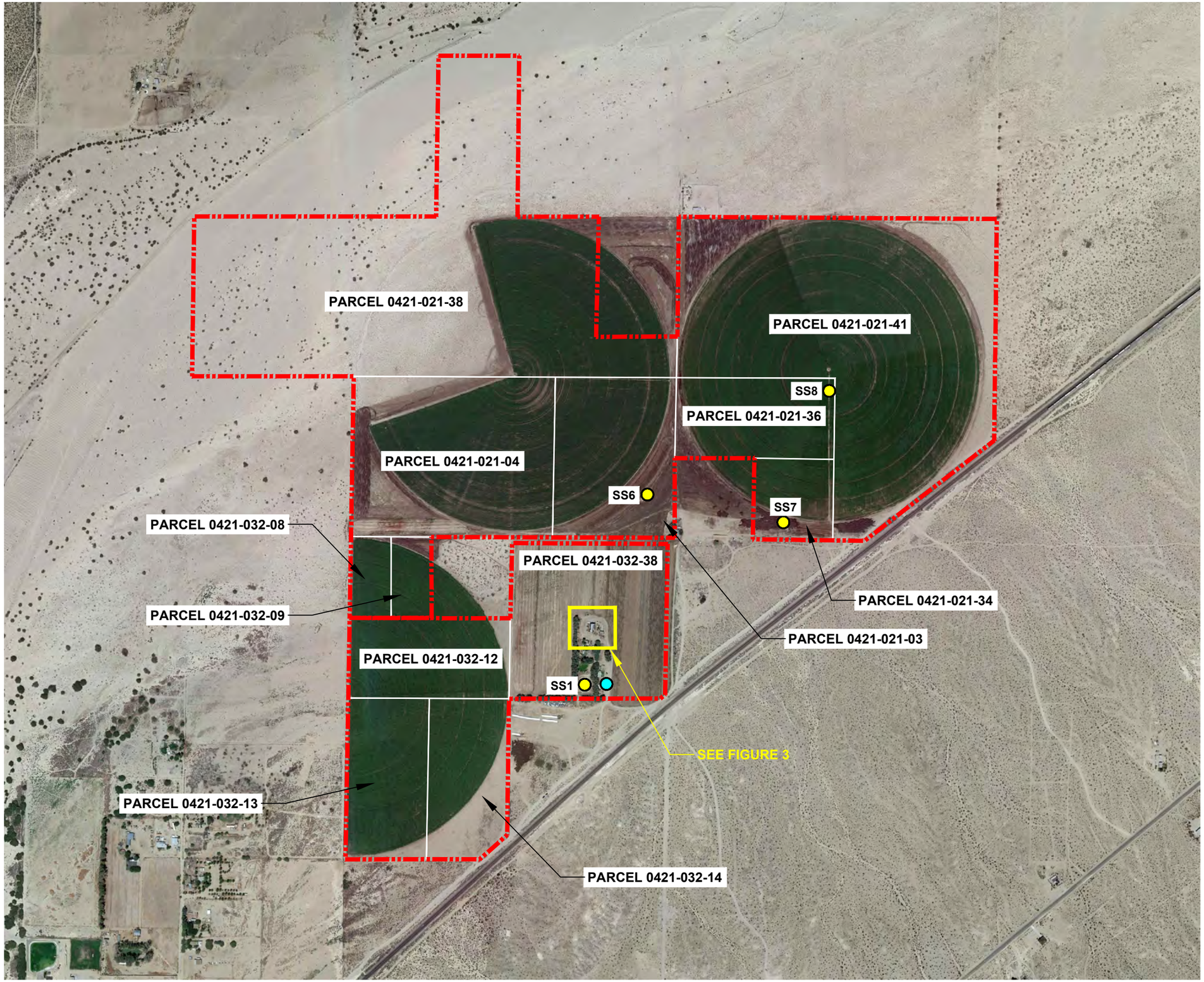
TITLE:

SITE VICINITY MAP

DRAWN BY:	R. Collins
CHECKED BY:	C. Fausel
APPROVED BY:	M. Eaton
DATE:	March 2022
PROJ. NO.:	479725.0000.0000
FILE:	BNSF-Van_Leeuven-VM.dwg

FIGURE 1

8.5x11 -- ATTACHED IMAGES: -- Van_Leeuwen_Topo, 1993, Van_Leeuwen_Topo, 1993.1;
DRAWING NAME: L:\Graphics\Projects\byName\BNSF - Van Leeuven\479973-Phase II BNSF-Van_Leeuven-VM.dwg --- PLOT DATE: March 04, 2022 - 9:29AM --- LAYOUT: 8.5x11



LEGEND

- 2-FOOT SAMPLE
- RESIDENTIAL WELL SAMPLE

NOTE:

Modified from a map provided by Google Earth, dated August 2014. All locations and dimensions are approximate.

N

APPROXIMATE SCALE (FEET)

0 800 1600

PROJECT:
BNSF - VAN LEEUWEN
22404 CANNAE ROAD
BARSTOW, CALIFORNIA

TITLE:
SITE PLAN WITH SAMPLING LOCATIONS

DRAWN BY:	R. Collins	PROJ NO.:	479973.0000.0000
CHECKED BY:	C. Fausel		
APPROVED BY:	M. Eaton		**FIGURE 2**
DATE:	March 2022		

TRC
6 Executive Circle
Suite 200
Irvine, CA 92614
Phone: 949.727.9336

FILE NO.: BNSF_Van_Leeuven_SP.dwg

11x17 -- ATTACHED XREFS: -- ATTACHED IMAGES: Van Leeuwen Aerial 2014; Van Leeuwen Aerial_Points 2014
DRAWING NAME: L:\Graphics\Projects\byName\BNSF - Van Leeuven\479973-Phase III BNSF_Van_Leeuven_SP.dwg -- PLOT DATE: March 30, 2022 - 3:52PM -- LAYOUT: EXISTING SAMPLE LOCATIONS

LEGEND

- 2-FOOT SAMPLE
- SOIL BORING LOCATION
- AST STORAGE AREA
- DRUM STORAGE AREA
- FUELING AST AREA

NOTE:

Modified from a map provided by Google Earth, dated August 2014. AST = above ground storage tank. All locations and dimensions are approximate.

N

APPROXIMATE SCALE (FEET)

0 20 40

PROJECT:
BARSTOW LP
VAN LEEUWEN PROPERTY
22404 CANNAE ROAD BARSTOW, CALIFORNIA

TITLE:
SAMPLE LOCATIONS

DRAWN BY:	R. Collins	PROJ NO.:	479973.0000.0000
CHECKED BY:	C. Fausel		**FIGURE 3**
APPROVED BY:	M. Eaton		
DATE:	March 2022		

TRC
6 Executive Circle
Suite 200
Irvine, CA 92614
Phone: 949.727.9336

FILE NO.: BNSF_Van_Leeuven_SP_FIG3.dwg

11x17 -- ATTACHED XREFS: -- ATTACHED IMAGES: Van Leeuwen_Aerial-2014_2cm
DRAWING NAME: L:\Graphics\Projects\byName\BNSF - Van Leeuven\479973-Phase III BNSF_Van_Leeuven_SP_FIG3.dwg -- PLOT DATE: March 30, 2022 - 3:54PM -- LAYOUT: SVP-Site Plan

SubSurface Surveys
& Associates, Inc.
An Applied Geophysical Company

2075 Corte Del Nogal, Suite W
Carlsbad, CA 92011

Office: (760) 476-0492
Fax: (760) 476-0493

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r□i□□, □□i□□r□i□□□□□

□□□□ **Cassie Fausel**

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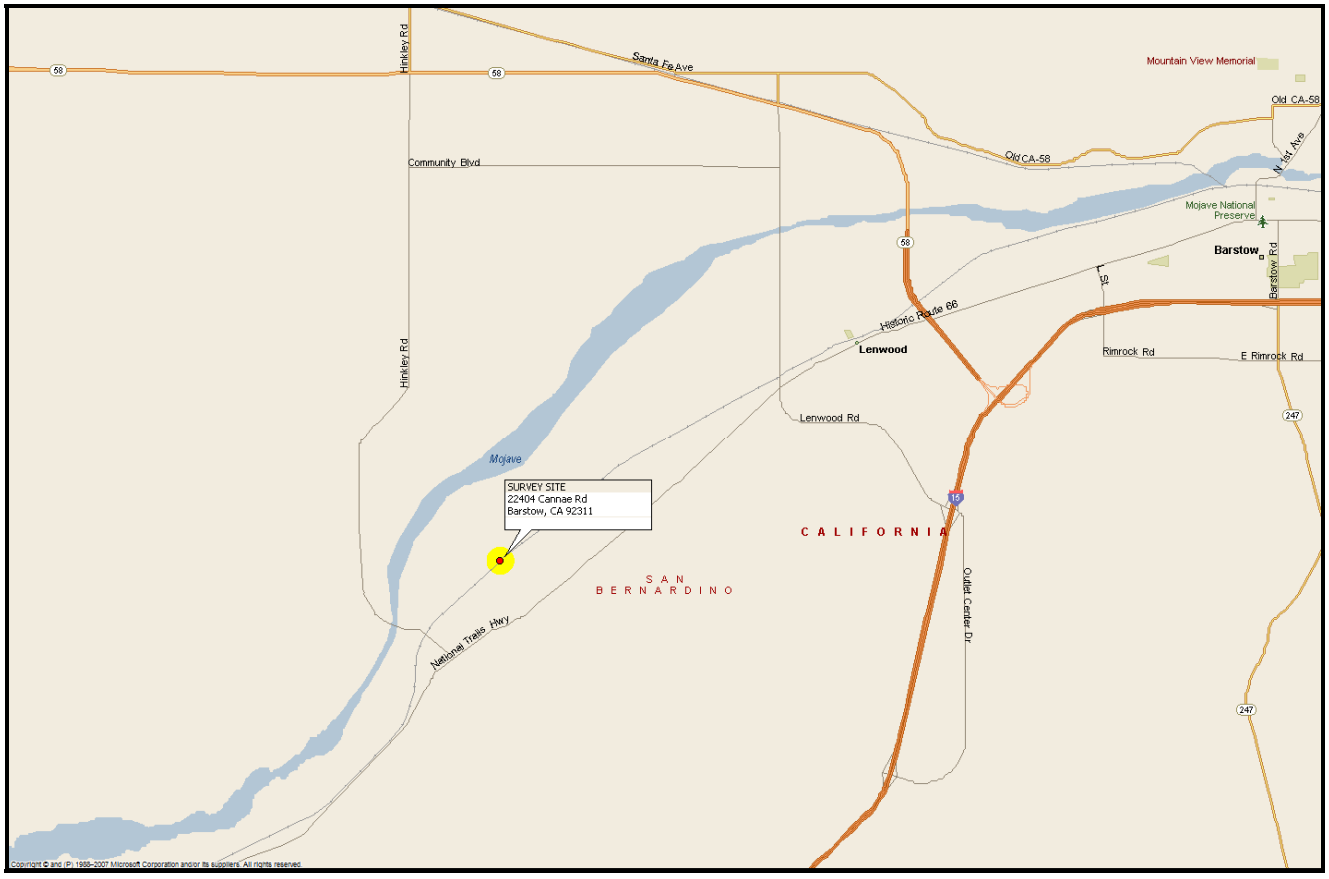

FIGURE 1. Site location map.

Survey Design [illegible]

[illegible]

[illegible]

[illegible]

Brief Description of the Geophysical Methods Applied [illegible]

[illegible]

[illegible]

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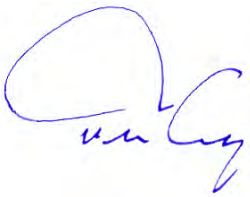


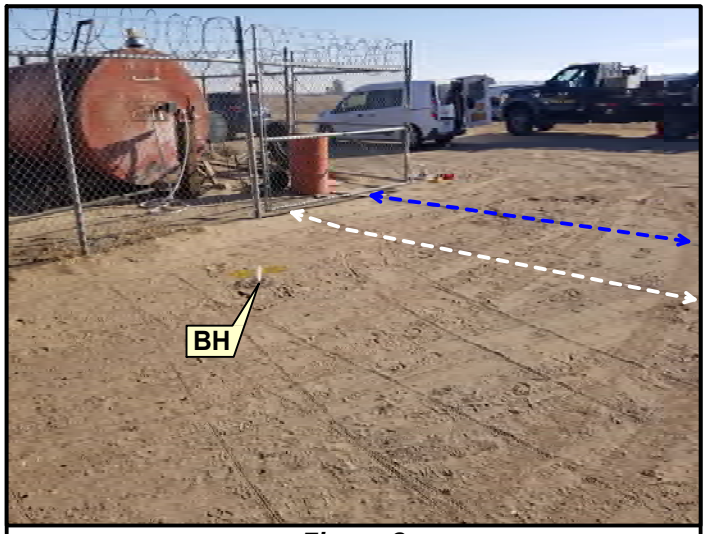


Figure 2

Figure 3

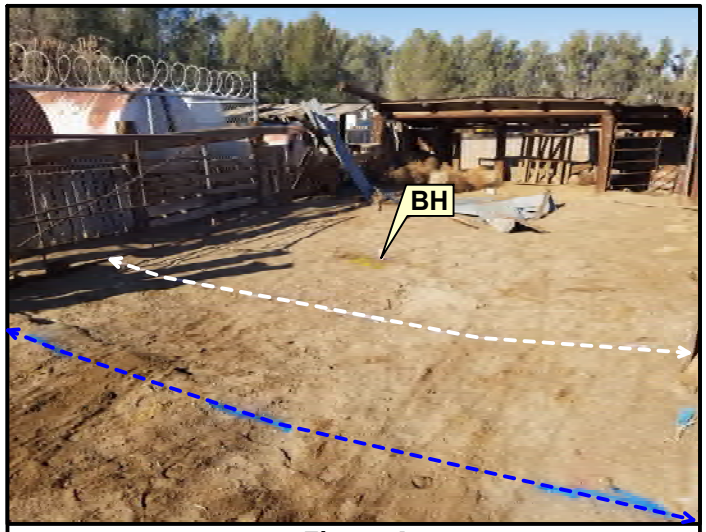


Figure 4

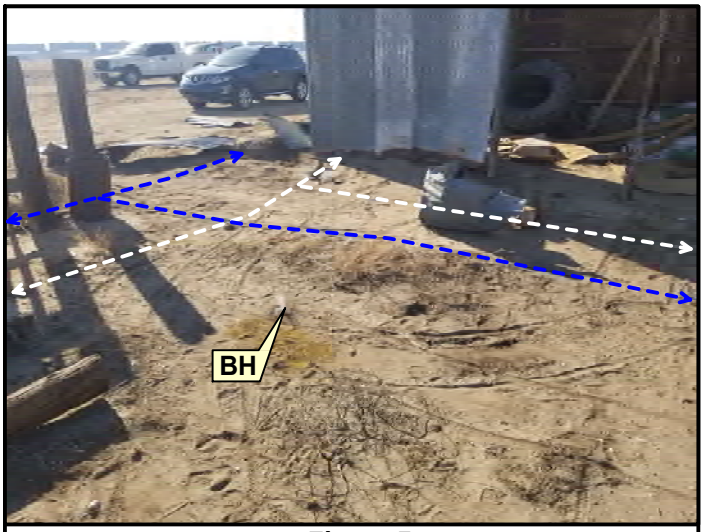


Figure 5

No Photo

No Photo

Sub Surface Surveys	SITE: **22404 Cannae Road Barstow, California 92311**	TITLE: **Site Photographs**	SURVEY DATE: **March 15, 2022**
		PREPARED FOR: **TRC**	SSS PROJECT NO: **22-093**

Pressure release
Oak Grove Rd
Drilling locations
Oak Grove Rd
Google Earth

PROJECT NO.:	484037.0000.0000	DATE DRILLED:	March 16, 2022
LOCATION:	BNSF - Van Leeuwen	LOGGED BY:	P. Kee
	22404 Cannae Road	APPROVED BY:	M. Eaton, PG
	Barstow, California	DRILLING CO./RIG:	Yellow Jacket/CME-85

DRILLING METHOD: 7-inch Hollow Stem Auger
SAMPLER TYPE: California Modified Split Spoon
TOTAL DEPTH: 30 feet OBSERVED DEPTH TO WATER: NA

BLOWS PER 6 INCHES	PID (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS
			0	Surface Material: Soil. Air Knifed to 5 fbg.	
	0		4	SILT: dark yellowish brown (10YR 4/4), soft, dry, trace gravel.	ML
45/25/15	0		10	SAND: yellowish brown (10YR 5/6), medium dense, dry, medium-grained, trace gravel and cobbles.	SP
8/10/14	0		14	Loose, dry, medium-grained.	
12/15/14	0		20	Very pale brown, medium dense.	
15/23/28	0		24	SAND: dark yellowish brown (10YR 4/4), medium dense, dry, medium- to coarse-grained, trace gravel and cobbles.	SW
17/32/48	0		30	Dense, moist.	
			30	Bottom of boring 30 fbg	

GRAPHIC LOG

BORING CONSTRUCTION DETAIL

Portland Grout

TRC

LOG OF EXPLORATORY BORING

(SEE BORING LOG KEY FOR LEGEND)

SB1

L:\Graphics\ProjectsbyName\BNSF – Van Leeuven\479973–Phase II\BNSF_Van_Leeuven_BLOGS_SB1–SB3.dwg; SB1, Mar 30, 2022–5:03pm rcollins

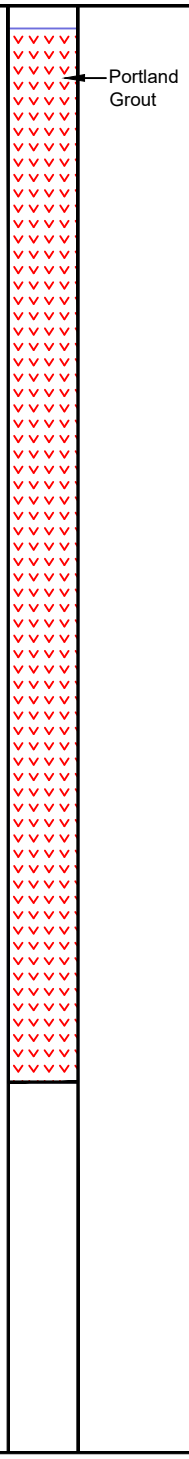
PROJECT NO.:	484037.0000.0000	DATE DRILLED:	March 16, 2022
LOCATION:	BNSF - Van Leeuwen	LOGGED BY:	P. Kee
	22404 Cannae Road	APPROVED BY:	M. Eaton, PG
	Barstow, California	DRILLING CO./RIG:	Yellow Jacket/CME-85

DRILLING METHOD: 7-inch Hollow Stem Auger
SAMPLER TYPE: California Modified Split Spoon
TOTAL DEPTH: 30 feet OBSERVED DEPTH TO WATER: NA

BLOWS PER 6 INCHES	PID (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS
			0	Surface Material: Soil. Air Knifed to 5 fbg.	
4/6/8	0		6	SILT: dark yellowish brown (10YR 4/4), hard, dry, trace gravel.	ML
18/20/28	0		10	SILTY SAND: very pale brown (10YR 8/3), medium dense, dry, fine- to medium-grained, trace gravel and cobbles.	SM
14/24/48	0		16	SAND: yellowish brown (10YR 5/6), medium dense, dry, medium- to coarse-grained, trace gravel and cobbles.	SP
45/50 for 4-inches	0		20	Pale brown (10YR 7/3), very dense.	
28/29/35	0		26	Dark yellowish brown (10YR 4/4), medium dense.	
48/50 for 5-inches	0		30	SAND: dark yellowish brown (10YR 4/4), very dense, moist, medium- to coarse-grained, trace gravel.	SW
			32	Bottom of boring 30 fbg	

GRAPHIC LOG

BORING CONSTRUCTION DETAIL



TRC

LOG OF EXPLORATORY BORING

(SEE BORING LOG KEY FOR LEGEND)

SB2

PAGE 1 OF 1

L:\Graphics\ProjectsbyName\BNSF – Van Leeuven\479973–Phase II\BNSF_Van_Leeuven_BLOGS_SB1–SB3.dwg; SB2, Mar 30, 2022–5:04pm rcollins

PROJECT NO.:	484037.0000.0000	DATE DRILLED:	March 16, 2022
LOCATION:	BNSF - Van Leeuwen	LOGGED BY:	P. Kee
	22404 Cannae Road	APPROVED BY:	M. Eaton, PG
	Barstow, California	DRILLING CO./RIG:	Yellow Jacket/CME-85

DRILLING METHOD: 7-inch Hollow Stem Auger
SAMPLER TYPE: California Modified Split Spoon
TOTAL DEPTH: 30 feet OBSERVED DEPTH TO WATER: NA

BLOWS PER 6 INCHES	PID (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS
			0	Surface Material: Soil. Air Knifed to 5 fbg.	
4/7/12	0		6	SILT: dark yellowish brown (10YR 4/4), hard, dry, trace gravel.	ML
7/15/22	0		10	SAND: yellowish brown (10YR 5/6), medium dense, dry, fine- to medium-grained, trace gravel and cobbles.	SP
10/22/28	0		16		
14/15/26	0		20	SILTY SAND: yellowish brown (10YR 5/6), medium dense, moist, fine- to medium-grained, trace gravel and cobbles.	SM
14/30/34	0		26	SAND: very pale brown (10YR 7/4), medium dense, dry, medium-grained, trace gravel.	SP
15/25/30	0		30	Moist.	
				Bottom of boring 30 fbg	

GRAPHIC LOG

BORING CONSTRUCTION DETAIL

Portland Grout

TRC

LOG OF EXPLORATORY BORING

(SEE BORING LOG KEY FOR LEGEND)

SB3

L:\Graphics\ProjectsbyName\BNSF – Van Leeuven\479973–Phase II\BNSF_Van_Leeuven_BLOGS_SB1–SB3.dwg; SB3, Mar 30, 2022–5:04pm rcollins

ANALYTICAL REPORT

March 28, 2022

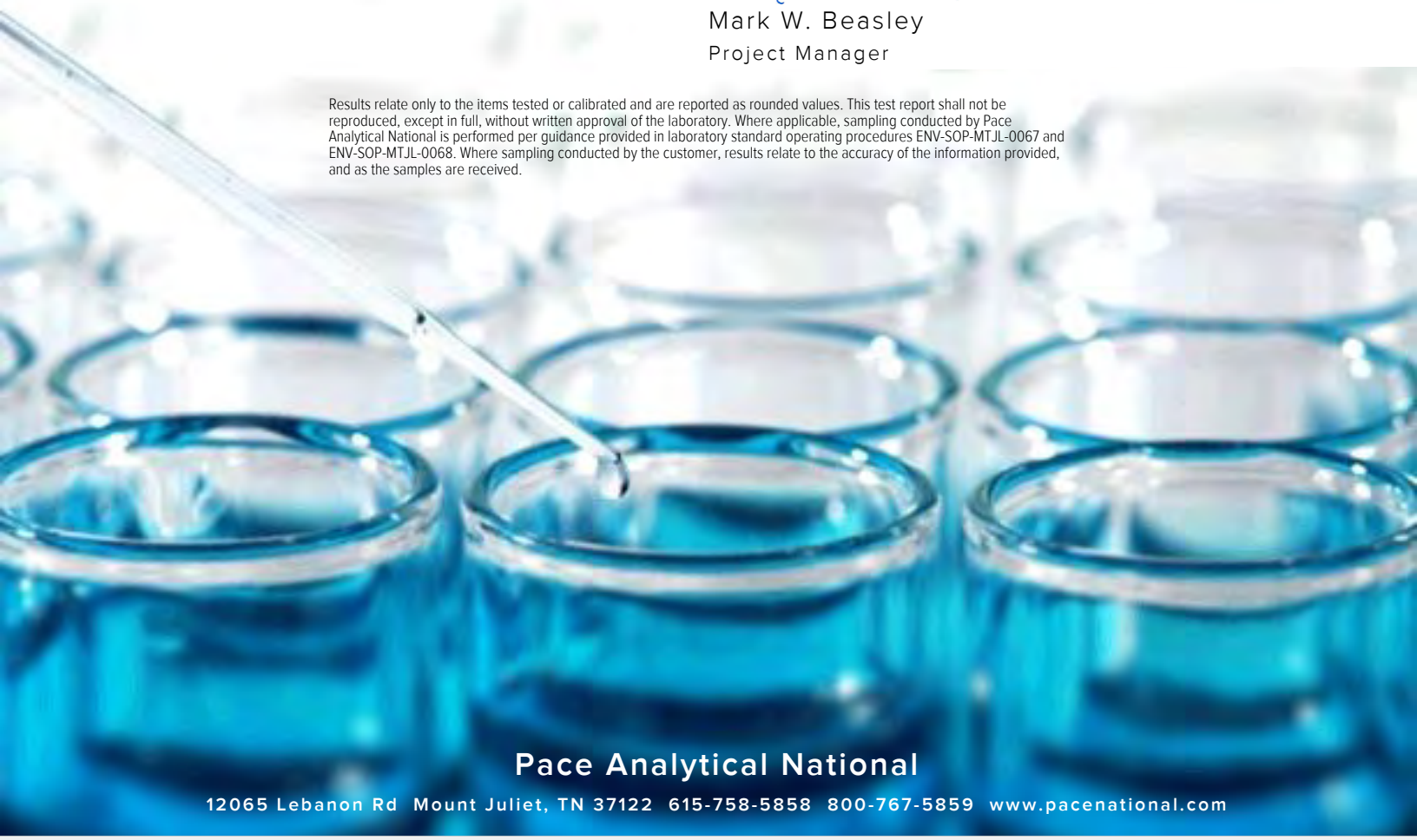
TRC - BNSF Region 4

Sample Delivery Group:	L1473087
Samples Received:	03/18/2022
Project Number:	484037.0000.0000
Description:	BNSF - Barstow Norris Parcel
Site:	VAN LEEUWAN
Report To:	Cassie Fausel-Bretschger 6 Executive Circle, Suite 200 Irvine, CA 92614

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SS6 L1473087-01 Solid

Collected by: Paul Kee | Collected date/time: 03/15/22 12:32 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 08:27	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:28	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	25.8	03/15/22 12:32	03/21/22 08:53	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.14	03/15/22 12:32	03/22/22 02:16	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	25	03/24/22 07:00	03/24/22 15:05	JAS	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 11:23	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 11:23	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 21:14	AGW	Mt. Juliet, TN

SB1-10 L1473087-02 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 08:45 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:03	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:31	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	32	03/16/22 08:45	03/21/22 09:16	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.04	03/16/22 08:45	03/22/22 02:36	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 21:36	JAS	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 11:32	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 11:32	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 20:53	AGW	Mt. Juliet, TN

SB1-20 L1473087-03 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 08:55 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:05	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:34	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	27	03/16/22 08:55	03/21/22 09:39	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.19	03/16/22 08:55	03/22/22 02:55	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 20:28	JAS	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 11:41	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 11:41	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 15:42	BJP	Mt. Juliet, TN

SB1-30 L1473087-04 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 09:05 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:08	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:37	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	25	03/16/22 09:05	03/21/22 10:51	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.07	03/16/22 09:05	03/22/22 03:14	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 17:56	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 11:49	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 11:49	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 17:47	BJP	Mt. Juliet, TN

SB2-10 L1473087-05 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 10:10 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:10	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:39	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	89.3	03/16/22 10:10	03/21/22 13:53	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.41	03/16/22 10:10	03/22/22 03:33	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 16:48	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 11:58	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 11:58	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 19:10	BJP	Mt. Juliet, TN

SB2-20 L1473087-06 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 10:20 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:13	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:42	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	29.5	03/16/22 10:20	03/21/22 15:09	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.08	03/16/22 10:20	03/22/22 03:51	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 19:20	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 12:07	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 12:07	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 17:26	BJP	Mt. Juliet, TN

SB2-30 L1473087-07 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 10:30 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:15	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:45	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	25.8	03/16/22 10:30	03/21/22 15:32	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1	03/16/22 10:30	03/22/22 04:10	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 20:45	JAS	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 12:15	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 12:15	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 16:44	BJP	Mt. Juliet, TN

SB3-10 L1473087-08 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 11:45 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:23	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:48	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	28.7	03/16/22 11:45	03/21/22 16:19	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.07	03/16/22 11:45	03/22/22 04:29	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/25/22 10:07	JAS	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 12:24	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 12:24	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 19:51	BJP	Mt. Juliet, TN

SB3-20 L1473087-09 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 11:55 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835576	1	03/21/22 13:17	03/21/22 13:23	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:25	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:51	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	25.8	03/16/22 11:55	03/21/22 16:42	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.01	03/16/22 11:55	03/22/22 04:48	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 18:30	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835393	1	03/21/22 04:57	03/24/22 12:33	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835393	1	03/21/22 04:57	03/24/22 12:33	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 17:05	BJP	Mt. Juliet, TN

SB3-30 L1473087-10 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 12:05 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835577	1	03/21/22 13:11	03/21/22 13:16	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:28	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:53	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	26.3	03/16/22 12:05	03/21/22 18:01	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.01	03/16/22 12:05	03/22/22 05:07	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 21:02	JAS	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1837075	10	03/24/22 04:49	03/26/22 18:22	CCW	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1837075	10	03/24/22 04:49	03/25/22 17:06	CCW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 16:03	BJP	Mt. Juliet, TN

SS5 L1473087-11 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 13:40 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835577	1	03/21/22 13:11	03/21/22 13:16	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835814	1	03/24/22 08:21	03/25/22 09:30	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 18:01	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	26.3	03/16/22 13:40	03/21/22 18:24	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.06	03/16/22 13:40	03/22/22 05:26	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	5	03/24/22 07:00	03/24/22 14:31	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1837075	10	03/24/22 04:49	03/26/22 18:31	CCW	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1837075	10	03/24/22 04:49	03/25/22 17:15	CCW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 21:35	AGW	Mt. Juliet, TN

SS4 L1473087-12 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 13:55 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835577	1	03/21/22 13:11	03/21/22 13:16	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835778	1	03/24/22 08:29	03/25/22 10:30	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 18:04	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	26.5	03/16/22 13:55	03/21/22 18:46	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.02	03/16/22 13:55	03/22/22 05:45	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 18:47	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1837075	10	03/24/22 04:49	03/26/22 18:39	CCW	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1837075	10	03/24/22 04:49	03/25/22 17:24	CCW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 19:30	BJP	Mt. Juliet, TN

SS3 L1473087-13 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 14:15 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835577	1	03/21/22 13:11	03/21/22 13:16	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835778	1	03/24/22 08:29	03/25/22 10:33	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 18:07	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835496	25.8	03/16/22 14:15	03/21/22 19:09	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1	03/16/22 14:15	03/22/22 06:04	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	100	03/24/22 07:00	03/24/22 15:22	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1837075	10	03/24/22 04:49	03/26/22 19:23	CCW	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1837075	10	03/24/22 04:49	03/25/22 18:07	CCW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	40	03/24/22 07:02	03/24/22 22:37	AGW	Mt. Juliet, TN

SS2 L1473087-14 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 14:40 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835577	1	03/21/22 13:11	03/21/22 13:16	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835778	1	03/24/22 08:29	03/25/22 10:35	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 17:01	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835523	25	03/16/22 14:40	03/22/22 05:44	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1	03/16/22 14:40	03/22/22 06:24	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 21:19	JAS	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1837075	10	03/24/22 04:49	03/26/22 18:48	CCW	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1837075	10	03/24/22 04:49	03/25/22 17:33	CCW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 16:23	BJP	Mt. Juliet, TN

SS1 L1473087-15 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 15:15 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835577	1	03/21/22 13:11	03/21/22 13:16	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835778	1	03/24/22 08:29	03/25/22 10:38	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 18:10	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835523	25	03/16/22 15:15	03/22/22 06:08	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1	03/16/22 15:15	03/22/22 06:42	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 17:04	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1837075	10	03/24/22 04:49	03/26/22 18:57	CCW	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1837075	10	03/24/22 04:49	03/25/22 17:41	CCW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 18:49	BJP	Mt. Juliet, TN

SS8 L1473087-16 Solid

Collected by: Paul Kee | Collected date/time: 03/16/22 15:50 | Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835577	1	03/21/22 13:11	03/21/22 13:16	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835778	1	03/24/22 08:29	03/25/22 10:40	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 18:12	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835523	25	03/16/22 15:50	03/22/22 06:31	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	1.03	03/16/22 15:50	03/22/22 07:01	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	1	03/24/22 07:00	03/24/22 18:13	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1837075	10	03/24/22 04:49	03/26/22 19:06	CCW	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1837075	10	03/24/22 04:49	03/25/22 17:50	CCW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	1	03/24/22 07:02	03/24/22 18:28	BJP	Mt. Juliet, TN

SAMPLE SUMMARY

SS7 L1473087-17 Solid

Collected by: Paul Kee
Collected date/time: 03/16/22 16:00
Received date/time: 03/18/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1835577	1	03/21/22 13:11	03/21/22 13:16	CMK	Mt. Juliet, TN
Mercury by Method 7471A	WG1835778	1	03/24/22 08:29	03/25/22 10:43	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1835703	1	03/23/22 16:53	03/24/22 18:15	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835523	176	03/16/22 16:00	03/22/22 06:54	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1835975	3.83	03/16/22 16:00	03/22/22 07:20	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1837054	100	03/24/22 07:00	03/24/22 15:39	WCR	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1837075	93.2	03/24/22 04:49	03/26/22 19:14	CCW	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1837075	93.2	03/24/22 04:49	03/25/22 17:59	CCW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1837050	40	03/24/22 07:02	03/24/22 22:58	AGW	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Mark W. Beasley
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.8		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0413	1	03/25/2022 08:27	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.07	1	03/24/2022 17:28	WG1835703
Arsenic	ND		2.07	1	03/24/2022 17:28	WG1835703
Barium	30.8		0.516	1	03/24/2022 17:28	WG1835703
Beryllium	ND		0.207	1	03/24/2022 17:28	WG1835703
Cadmium	ND		0.516	1	03/24/2022 17:28	WG1835703
Chromium	3.19		1.03	1	03/24/2022 17:28	WG1835703
Cobalt	1.22		1.03	1	03/24/2022 17:28	WG1835703
Copper	8.05		2.07	1	03/24/2022 17:28	WG1835703
Lead	2.28		0.516	1	03/24/2022 17:28	WG1835703
Molybdenum	ND		0.516	1	03/24/2022 17:28	WG1835703
Nickel	ND		2.07	1	03/24/2022 17:28	WG1835703
Selenium	ND		2.07	1	03/24/2022 17:28	WG1835703
Silver	ND		1.03	1	03/24/2022 17:28	WG1835703
Thallium	ND		2.07	1	03/24/2022 17:28	WG1835703
Vanadium	10.4		2.07	1	03/24/2022 17:28	WG1835703
Zinc	21.3		5.16	1	03/24/2022 17:28	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.75	25.8	03/21/2022 08:53	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*90.1*		*77.0-120*		*03/21/2022 08:53*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0605	1.14	03/22/2022 02:16	WG1835975
Acrylonitrile	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
Benzene	ND		0.00121	1.14	03/22/2022 02:16	WG1835975
Bromobenzene	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
Bromodichloromethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Bromoform	ND		0.0303	1.14	03/22/2022 02:16	WG1835975
Bromomethane	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
n-Butylbenzene	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
sec-Butylbenzene	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
tert-Butylbenzene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
Carbon tetrachloride	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
Chlorobenzene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Chlorodibromomethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Chloroethane	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
Chloroform	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Chloromethane	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
2-Chlorotoluene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
4-Chlorotoluene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0303	1.14	03/22/2022 02:16	WG1835975
1,2-Dibromoethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Dibromomethane	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
1,2-Dichlorobenzene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
1,3-Dichlorobenzene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
1,4-Dichlorobenzene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
Dichlorodifluoromethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,1-Dichloroethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,2-Dichloroethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,1-Dichloroethene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
cis-1,2-Dichloroethene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
trans-1,2-Dichloroethene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
1,2-Dichloropropane	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
1,1-Dichloropropene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,3-Dichloropropane	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
cis-1,3-Dichloropropene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
trans-1,3-Dichloropropene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
2,2-Dichloropropane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Di-isopropyl ether	ND		0.00121	1.14	03/22/2022 02:16	WG1835975
Ethylbenzene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Hexachloro-1,3-butadiene	ND		0.0303	1.14	03/22/2022 02:16	WG1835975
Isopropylbenzene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
p-Isopropyltoluene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
2-Butanone (MEK)	ND		0.121	1.14	03/22/2022 02:16	WG1835975
Methylene Chloride	ND		0.0303	1.14	03/22/2022 02:16	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0303	1.14	03/22/2022 02:16	WG1835975
Methyl tert-butyl ether	ND		0.00121	1.14	03/22/2022 02:16	WG1835975
Naphthalene	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
n-Propylbenzene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
Styrene	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Tetrachloroethene	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Toluene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
1,2,3-Trichlorobenzene	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
1,2,4-Trichlorobenzene	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
1,1,1-Trichloroethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,1,2-Trichloroethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
Trichloroethene	ND		0.00121	1.14	03/22/2022 02:16	WG1835975
Trichlorofluoromethane	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,2,3-Trichloropropane	ND		0.0152	1.14	03/22/2022 02:16	WG1835975
1,2,4-Trimethylbenzene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
1,2,3-Trimethylbenzene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
Vinyl chloride	ND		0.00303	1.14	03/22/2022 02:16	WG1835975
1,3,5-Trimethylbenzene	ND		0.00605	1.14	03/22/2022 02:16	WG1835975
Xylenes, Total	ND		0.00787	1.14	03/22/2022 02:16	WG1835975
(S) Toluene-d8	*107*		*75.0-131*		*03/22/2022 02:16*	WG1835975
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*03/22/2022 02:16*	WG1835975
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*03/22/2022 02:16*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	172		103	25	03/24/2022 15:05	WG1837054
C22-C32 Hydrocarbons	2500		103	25	03/24/2022 15:05	WG1837054
C32-C40 Hydrocarbons	1030		103	25	03/24/2022 15:05	WG1837054
(S) o-Terphenyl	*0.000*	J7	*18.0-148*		*03/24/2022 15:05*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0207	1	03/24/2022 11:23	WG1835393
Alpha BHC	ND		0.0207	1	03/24/2022 11:23	WG1835393
Beta BHC	ND		0.0207	1	03/24/2022 11:23	WG1835393
Delta BHC	ND		0.0207	1	03/24/2022 11:23	WG1835393
Gamma BHC	ND		0.0207	1	03/24/2022 11:23	WG1835393
Chlordane	ND		0.310	1	03/24/2022 11:23	WG1835393
4,4-DDD	ND		0.0207	1	03/24/2022 11:23	WG1835393
4,4-DDE	ND		0.0207	1	03/24/2022 11:23	WG1835393
4,4-DDT	ND		0.0207	1	03/24/2022 11:23	WG1835393
Dieldrin	ND		0.0207	1	03/24/2022 11:23	WG1835393
Endosulfan I	ND		0.0207	1	03/24/2022 11:23	WG1835393
Endosulfan II	ND		0.0207	1	03/24/2022 11:23	WG1835393
Endosulfan sulfate	ND		0.0207	1	03/24/2022 11:23	WG1835393
Endrin	ND		0.0207	1	03/24/2022 11:23	WG1835393
Endrin aldehyde	ND		0.0207	1	03/24/2022 11:23	WG1835393
Endrin ketone	ND		0.0207	1	03/24/2022 11:23	WG1835393
Heptachlor	ND		0.0207	1	03/24/2022 11:23	WG1835393
Heptachlor epoxide	ND		0.0207	1	03/24/2022 11:23	WG1835393
Hexachlorobenzene	ND		0.0207	1	03/24/2022 11:23	WG1835393
Methoxychlor	ND		0.0207	1	03/24/2022 11:23	WG1835393
Toxaphene	ND		0.413	1	03/24/2022 11:23	WG1835393
(S) Decachlorobiphenyl	*71.2*		*10.0-135*		*03/24/2022 11:23*	WG1835393
(S) Tetrachloro-m-xylene	*57.7*		*10.0-139*		*03/24/2022 11:23*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0351	1	03/24/2022 11:23	WG1835393
PCB 1221	ND		0.0351	1	03/24/2022 11:23	WG1835393
PCB 1232	ND		0.0351	1	03/24/2022 11:23	WG1835393
PCB 1242	ND		0.0351	1	03/24/2022 11:23	WG1835393
PCB 1248	ND		0.0176	1	03/24/2022 11:23	WG1835393
PCB 1254	ND		0.0176	1	03/24/2022 11:23	WG1835393
PCB 1260	ND		0.0176	1	03/24/2022 11:23	WG1835393
(S) Decachlorobiphenyl	*74.0*		*10.0-135*		*03/24/2022 11:23*	WG1835393
(S) Tetrachloro-m-xylene	*61.6*		*10.0-139*		*03/24/2022 11:23*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Acenaphthylene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Anthracene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Benzidine	ND		1.72	1	03/24/2022 21:14	WG1837050
Benzo(a)anthracene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Benzo(b)fluoranthene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Benzo(k)fluoranthene	ND		0.0344	1	03/24/2022 21:14	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Benzo(a)pyrene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Bis(2-chlorethoxy)methane	ND		0.344	1	03/24/2022 21:14	WG1837050
Bis(2-chloroethyl)ether	ND		0.344	1	03/24/2022 21:14	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.344	1	03/24/2022 21:14	WG1837050
4-Bromophenyl-phenylether	ND		0.344	1	03/24/2022 21:14	WG1837050
2-Chloronaphthalene	ND		0.0344	1	03/24/2022 21:14	WG1837050
4-Chlorophenyl-phenylether	ND		0.344	1	03/24/2022 21:14	WG1837050
Chrysene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Dibenz(a,h)anthracene	ND		0.0344	1	03/24/2022 21:14	WG1837050
3,3-Dichlorobenzidine	ND		0.344	1	03/24/2022 21:14	WG1837050
2,4-Dinitrotoluene	ND		0.344	1	03/24/2022 21:14	WG1837050
2,6-Dinitrotoluene	ND		0.344	1	03/24/2022 21:14	WG1837050
Fluoranthene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Fluorene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Hexachlorobenzene	ND		0.344	1	03/24/2022 21:14	WG1837050
Hexachloro-1,3-butadiene	ND		0.344	1	03/24/2022 21:14	WG1837050
Hexachlorocyclopentadiene	ND		0.344	1	03/24/2022 21:14	WG1837050
Hexachloroethane	ND		0.344	1	03/24/2022 21:14	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Isophorone	ND		0.344	1	03/24/2022 21:14	WG1837050
Naphthalene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Nitrobenzene	ND		0.344	1	03/24/2022 21:14	WG1837050
n-Nitrosodimethylamine	ND		0.344	1	03/24/2022 21:14	WG1837050
n-Nitrosodiphenylamine	ND		0.344	1	03/24/2022 21:14	WG1837050
n-Nitrosodi-n-propylamine	ND		0.344	1	03/24/2022 21:14	WG1837050
Phenanthrene	ND		0.0344	1	03/24/2022 21:14	WG1837050
Benzylbutyl phthalate	ND		0.344	1	03/24/2022 21:14	WG1837050
Bis(2-ethylhexyl)phthalate	0.582		0.344	1	03/24/2022 21:14	WG1837050
Di-n-butyl phthalate	ND		0.344	1	03/24/2022 21:14	WG1837050
Diethyl phthalate	ND		0.344	1	03/24/2022 21:14	WG1837050
Dimethyl phthalate	ND		0.344	1	03/24/2022 21:14	WG1837050
Di-n-octyl phthalate	ND		0.344	1	03/24/2022 21:14	WG1837050
Pyrene	ND		0.0344	1	03/24/2022 21:14	WG1837050
1,2,4-Trichlorobenzene	ND		0.344	1	03/24/2022 21:14	WG1837050
4-Chloro-3-methylphenol	ND		0.344	1	03/24/2022 21:14	WG1837050
2-Chlorophenol	ND		0.344	1	03/24/2022 21:14	WG1837050
2,4-Dichlorophenol	ND		0.344	1	03/24/2022 21:14	WG1837050
2,4-Dimethylphenol	ND		0.344	1	03/24/2022 21:14	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.344	1	03/24/2022 21:14	WG1837050
2,4-Dinitrophenol	ND		0.344	1	03/24/2022 21:14	WG1837050
2-Methylphenol	ND		0.344	1	03/24/2022 21:14	WG1837050
3&4-Methyl Phenol	ND		0.344	1	03/24/2022 21:14	WG1837050
2-Nitrophenol	ND		0.344	1	03/24/2022 21:14	WG1837050
4-Nitrophenol	ND		0.344	1	03/24/2022 21:14	WG1837050
Pentachlorophenol	ND		0.344	1	03/24/2022 21:14	WG1837050
Pyridine	ND		0.344	1	03/24/2022 21:14	WG1837050
2,4,5-Trichlorophenol	ND		0.344	1	03/24/2022 21:14	WG1837050
2,4,6-Trichlorophenol	ND		0.344	1	03/24/2022 21:14	WG1837050
Phenol	ND		0.344	1	03/24/2022 21:14	WG1837050
(S) 2-Fluorophenol	*62.8*		*12.0-120*		*03/24/2022 21:14*	WG1837050
(S) Phenol-d5	*57.6*		*10.0-120*		*03/24/2022 21:14*	WG1837050
(S) Nitrobenzene-d5	*55.7*		*10.0-122*		*03/24/2022 21:14*	WG1837050
(S) 2-Fluorobiphenyl	*60.7*		*15.0-120*		*03/24/2022 21:14*	WG1837050
(S) 2,4,6-Tribromophenol	*80.7*		*10.0-127*		*03/24/2022 21:14*	WG1837050
(S) p-Terphenyl-d14	*58.2*		*10.0-120*		*03/24/2022 21:14*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.9		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0417	1	03/25/2022 09:03	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.09	1	03/24/2022 17:31	WG1835703
Arsenic	ND		2.09	1	03/24/2022 17:31	WG1835703
Barium	92.0		0.521	1	03/24/2022 17:31	WG1835703
Beryllium	0.294		0.209	1	03/24/2022 17:31	WG1835703
Cadmium	ND		0.521	1	03/24/2022 17:31	WG1835703
Chromium	10.8		1.04	1	03/24/2022 17:31	WG1835703
Cobalt	4.09		1.04	1	03/24/2022 17:31	WG1835703
Copper	12.4		2.09	1	03/24/2022 17:31	WG1835703
Lead	5.58		0.521	1	03/24/2022 17:31	WG1835703
Molybdenum	0.849		0.521	1	03/24/2022 17:31	WG1835703
Nickel	6.67		2.09	1	03/24/2022 17:31	WG1835703
Selenium	ND		2.09	1	03/24/2022 17:31	WG1835703
Silver	ND		1.04	1	03/24/2022 17:31	WG1835703
Thallium	ND		2.09	1	03/24/2022 17:31	WG1835703
Vanadium	25.6		2.09	1	03/24/2022 17:31	WG1835703
Zinc	32.5		5.21	1	03/24/2022 17:31	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		3.44	32	03/21/2022 09:16	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*90.0*		*77.0-120*		*03/21/2022 09:16*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0564	1.04	03/22/2022 02:36	WG1835975
Acrylonitrile	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
Benzene	ND		0.00113	1.04	03/22/2022 02:36	WG1835975
Bromobenzene	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
Bromodichloromethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Bromoform	ND		0.0282	1.04	03/22/2022 02:36	WG1835975
Bromomethane	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
n-Butylbenzene	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
sec-Butylbenzene	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
tert-Butylbenzene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
Carbon tetrachloride	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
Chlorobenzene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Chlorodibromomethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Chloroethane	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
Chloroform	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Chloromethane	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
2-Chlorotoluene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
4-Chlorotoluene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0282	1.04	03/22/2022 02:36	WG1835975
1,2-Dibromoethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Dibromomethane	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
1,2-Dichlorobenzene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
1,3-Dichlorobenzene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
1,4-Dichlorobenzene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
Dichlorodifluoromethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,1-Dichloroethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,2-Dichloroethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,1-Dichloroethene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
cis-1,2-Dichloroethene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
trans-1,2-Dichloroethene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
1,2-Dichloropropane	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
1,1-Dichloropropene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,3-Dichloropropane	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
cis-1,3-Dichloropropene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
trans-1,3-Dichloropropene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
2,2-Dichloropropane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Di-isopropyl ether	ND		0.00113	1.04	03/22/2022 02:36	WG1835975
Ethylbenzene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Hexachloro-1,3-butadiene	ND		0.0282	1.04	03/22/2022 02:36	WG1835975
Isopropylbenzene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
p-Isopropyltoluene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
2-Butanone (MEK)	ND		0.113	1.04	03/22/2022 02:36	WG1835975
Methylene Chloride	ND		0.0282	1.04	03/22/2022 02:36	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0282	1.04	03/22/2022 02:36	WG1835975
Methyl tert-butyl ether	ND		0.00113	1.04	03/22/2022 02:36	WG1835975
Naphthalene	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
n-Propylbenzene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
Styrene	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Tetrachloroethene	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Toluene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
1,2,3-Trichlorobenzene	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
1,2,4-Trichlorobenzene	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
1,1,1-Trichloroethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,1,2-Trichloroethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
Trichloroethene	ND		0.00113	1.04	03/22/2022 02:36	WG1835975
Trichlorofluoromethane	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,2,3-Trichloropropane	ND		0.0141	1.04	03/22/2022 02:36	WG1835975
1,2,4-Trimethylbenzene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
1,2,3-Trimethylbenzene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
Vinyl chloride	ND		0.00282	1.04	03/22/2022 02:36	WG1835975
1,3,5-Trimethylbenzene	ND		0.00564	1.04	03/22/2022 02:36	WG1835975
Xylenes, Total	ND		0.00733	1.04	03/22/2022 02:36	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 02:36*	WG1835975
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*03/22/2022 02:36*	WG1835975
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*03/22/2022 02:36*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	4.33		4.17	1	03/24/2022 21:36	WG1837054
C22-C32 Hydrocarbons	24.2		4.17	1	03/24/2022 21:36	WG1837054
C32-C40 Hydrocarbons	9.37		4.17	1	03/24/2022 21:36	WG1837054
(S) o-Terphenyl	*67.0*		*18.0-148*		*03/24/2022 21:36*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0209	1	03/24/2022 11:32	WG1835393
Alpha BHC	ND		0.0209	1	03/24/2022 11:32	WG1835393
Beta BHC	ND		0.0209	1	03/24/2022 11:32	WG1835393
Delta BHC	ND		0.0209	1	03/24/2022 11:32	WG1835393
Gamma BHC	ND		0.0209	1	03/24/2022 11:32	WG1835393
Chlordane	ND		0.313	1	03/24/2022 11:32	WG1835393
4,4-DDD	ND		0.0209	1	03/24/2022 11:32	WG1835393
4,4-DDE	ND		0.0209	1	03/24/2022 11:32	WG1835393
4,4-DDT	ND		0.0209	1	03/24/2022 11:32	WG1835393
Dieldrin	ND		0.0209	1	03/24/2022 11:32	WG1835393
Endosulfan I	ND		0.0209	1	03/24/2022 11:32	WG1835393
Endosulfan II	ND		0.0209	1	03/24/2022 11:32	WG1835393
Endosulfan sulfate	ND		0.0209	1	03/24/2022 11:32	WG1835393
Endrin	ND		0.0209	1	03/24/2022 11:32	WG1835393
Endrin aldehyde	ND		0.0209	1	03/24/2022 11:32	WG1835393
Endrin ketone	ND		0.0209	1	03/24/2022 11:32	WG1835393
Heptachlor	ND		0.0209	1	03/24/2022 11:32	WG1835393
Heptachlor epoxide	ND		0.0209	1	03/24/2022 11:32	WG1835393
Hexachlorobenzene	ND		0.0209	1	03/24/2022 11:32	WG1835393
Methoxychlor	ND		0.0209	1	03/24/2022 11:32	WG1835393
Toxaphene	ND		0.417	1	03/24/2022 11:32	WG1835393
(S) Decachlorobiphenyl	*79.1*		*10.0-135*		*03/24/2022 11:32*	WG1835393
(S) Tetrachloro-m-xylene	*70.7*		*10.0-139*		*03/24/2022 11:32*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0355	1	03/24/2022 11:32	WG1835393
PCB 1221	ND		0.0355	1	03/24/2022 11:32	WG1835393
PCB 1232	ND		0.0355	1	03/24/2022 11:32	WG1835393
PCB 1242	ND		0.0355	1	03/24/2022 11:32	WG1835393
PCB 1248	ND		0.0177	1	03/24/2022 11:32	WG1835393
PCB 1254	ND		0.0177	1	03/24/2022 11:32	WG1835393
PCB 1260	ND		0.0177	1	03/24/2022 11:32	WG1835393
(S) Decachlorobiphenyl	*78.8*		*10.0-135*		*03/24/2022 11:32*	WG1835393
(S) Tetrachloro-m-xylene	*73.6*		*10.0-139*		*03/24/2022 11:32*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Acenaphthylene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Anthracene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Benzidine	ND		1.74	1	03/24/2022 20:53	WG1837050
Benzo(a)anthracene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Benzo(b)fluoranthene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Benzo(k)fluoranthene	ND		0.0347	1	03/24/2022 20:53	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Benzo(a)pyrene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Bis(2-chlorethoxy)methane	ND		0.347	1	03/24/2022 20:53	WG1837050
Bis(2-chloroethyl)ether	ND		0.347	1	03/24/2022 20:53	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.347	1	03/24/2022 20:53	WG1837050
4-Bromophenyl-phenylether	ND		0.347	1	03/24/2022 20:53	WG1837050
2-Chloronaphthalene	ND		0.0347	1	03/24/2022 20:53	WG1837050
4-Chlorophenyl-phenylether	ND		0.347	1	03/24/2022 20:53	WG1837050
Chrysene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Dibenz(a,h)anthracene	ND		0.0347	1	03/24/2022 20:53	WG1837050
3,3-Dichlorobenzidine	ND		0.347	1	03/24/2022 20:53	WG1837050
2,4-Dinitrotoluene	ND		0.347	1	03/24/2022 20:53	WG1837050
2,6-Dinitrotoluene	ND		0.347	1	03/24/2022 20:53	WG1837050
Fluoranthene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Fluorene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Hexachlorobenzene	ND		0.347	1	03/24/2022 20:53	WG1837050
Hexachloro-1,3-butadiene	ND		0.347	1	03/24/2022 20:53	WG1837050
Hexachlorocyclopentadiene	ND		0.347	1	03/24/2022 20:53	WG1837050
Hexachloroethane	ND		0.347	1	03/24/2022 20:53	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Isophorone	ND		0.347	1	03/24/2022 20:53	WG1837050
Naphthalene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Nitrobenzene	ND		0.347	1	03/24/2022 20:53	WG1837050
n-Nitrosodimethylamine	ND		0.347	1	03/24/2022 20:53	WG1837050
n-Nitrosodiphenylamine	ND		0.347	1	03/24/2022 20:53	WG1837050
n-Nitrosodi-n-propylamine	ND		0.347	1	03/24/2022 20:53	WG1837050
Phenanthrene	ND		0.0347	1	03/24/2022 20:53	WG1837050
Benzylbutyl phthalate	ND		0.347	1	03/24/2022 20:53	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.347	1	03/24/2022 20:53	WG1837050
Di-n-butyl phthalate	ND		0.347	1	03/24/2022 20:53	WG1837050
Diethyl phthalate	ND		0.347	1	03/24/2022 20:53	WG1837050
Dimethyl phthalate	ND		0.347	1	03/24/2022 20:53	WG1837050
Di-n-octyl phthalate	ND		0.347	1	03/24/2022 20:53	WG1837050
Pyrene	ND		0.0347	1	03/24/2022 20:53	WG1837050
1,2,4-Trichlorobenzene	ND		0.347	1	03/24/2022 20:53	WG1837050
4-Chloro-3-methylphenol	ND		0.347	1	03/24/2022 20:53	WG1837050
2-Chlorophenol	ND		0.347	1	03/24/2022 20:53	WG1837050
2,4-Dichlorophenol	ND		0.347	1	03/24/2022 20:53	WG1837050
2,4-Dimethylphenol	ND		0.347	1	03/24/2022 20:53	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.347	1	03/24/2022 20:53	WG1837050
2,4-Dinitrophenol	ND		0.347	1	03/24/2022 20:53	WG1837050
2-Methylphenol	ND		0.347	1	03/24/2022 20:53	WG1837050
3&4-Methyl Phenol	ND		0.347	1	03/24/2022 20:53	WG1837050
2-Nitrophenol	ND		0.347	1	03/24/2022 20:53	WG1837050
4-Nitrophenol	ND		0.347	1	03/24/2022 20:53	WG1837050
Pentachlorophenol	ND		0.347	1	03/24/2022 20:53	WG1837050
Pyridine	ND		0.347	1	03/24/2022 20:53	WG1837050
2,4,5-Trichlorophenol	ND		0.347	1	03/24/2022 20:53	WG1837050
2,4,6-Trichlorophenol	ND		0.347	1	03/24/2022 20:53	WG1837050
Phenol	ND		0.347	1	03/24/2022 20:53	WG1837050
(S) 2-Fluorophenol	*59.3*		*12.0-120*		*03/24/2022 20:53*	WG1837050
(S) Phenol-d5	*55.9*		*10.0-120*		*03/24/2022 20:53*	WG1837050
(S) Nitrobenzene-d5	*51.7*		*10.0-122*		*03/24/2022 20:53*	WG1837050
(S) 2-Fluorobiphenyl	*60.1*		*15.0-120*		*03/24/2022 20:53*	WG1837050
(S) 2,4,6-Tribromophenol	*68.7*		*10.0-127*		*03/24/2022 20:53*	WG1837050
(S) p-Terphenyl-d14	*65.3*		*10.0-120*		*03/24/2022 20:53*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0404	1	03/25/2022 09:05	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.02	1	03/24/2022 17:34	WG1835703
Arsenic	2.08		2.02	1	03/24/2022 17:34	WG1835703
Barium	5.96		0.504	1	03/24/2022 17:34	WG1835703
Beryllium	ND		0.202	1	03/24/2022 17:34	WG1835703
Cadmium	ND		0.504	1	03/24/2022 17:34	WG1835703
Chromium	1.27		1.01	1	03/24/2022 17:34	WG1835703
Cobalt	ND		1.01	1	03/24/2022 17:34	WG1835703
Copper	ND		2.02	1	03/24/2022 17:34	WG1835703
Lead	0.742		0.504	1	03/24/2022 17:34	WG1835703
Molybdenum	ND		0.504	1	03/24/2022 17:34	WG1835703
Nickel	ND		2.02	1	03/24/2022 17:34	WG1835703
Selenium	ND		2.02	1	03/24/2022 17:34	WG1835703
Silver	ND		1.01	1	03/24/2022 17:34	WG1835703
Thallium	ND		2.02	1	03/24/2022 17:34	WG1835703
Vanadium	5.81		2.02	1	03/24/2022 17:34	WG1835703
Zinc	ND		5.04	1	03/24/2022 17:34	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.75	27	03/21/2022 09:39	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*89.5*		*77.0-120*		*03/21/2022 09:39*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0605	1.19	03/22/2022 02:55	WG1835975
Acrylonitrile	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
Benzene	ND		0.00121	1.19	03/22/2022 02:55	WG1835975
Bromobenzene	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
Bromodichloromethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Bromoform	ND		0.0302	1.19	03/22/2022 02:55	WG1835975
Bromomethane	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
n-Butylbenzene	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
sec-Butylbenzene	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
tert-Butylbenzene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
Carbon tetrachloride	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
Chlorobenzene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Chlorodibromomethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Chloroethane	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
Chloroform	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Chloromethane	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
2-Chlorotoluene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
4-Chlorotoluene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0302	1.19	03/22/2022 02:55	WG1835975
1,2-Dibromoethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Dibromomethane	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
1,2-Dichlorobenzene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
1,3-Dichlorobenzene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
1,4-Dichlorobenzene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
Dichlorodifluoromethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,1-Dichloroethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,2-Dichloroethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,1-Dichloroethene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
cis-1,2-Dichloroethene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
trans-1,2-Dichloroethene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
1,2-Dichloropropane	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
1,1-Dichloropropene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,3-Dichloropropane	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
cis-1,3-Dichloropropene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
trans-1,3-Dichloropropene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
2,2-Dichloropropane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Di-isopropyl ether	ND		0.00121	1.19	03/22/2022 02:55	WG1835975
Ethylbenzene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Hexachloro-1,3-butadiene	ND		0.0302	1.19	03/22/2022 02:55	WG1835975
Isopropylbenzene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
p-Isopropyltoluene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
2-Butanone (MEK)	ND		0.121	1.19	03/22/2022 02:55	WG1835975
Methylene Chloride	ND		0.0302	1.19	03/22/2022 02:55	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0302	1.19	03/22/2022 02:55	WG1835975
Methyl tert-butyl ether	ND		0.00121	1.19	03/22/2022 02:55	WG1835975
Naphthalene	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
n-Propylbenzene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
Styrene	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Tetrachloroethene	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Toluene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
1,2,3-Trichlorobenzene	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
1,2,4-Trichlorobenzene	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
1,1,1-Trichloroethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,1,2-Trichloroethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
Trichloroethene	ND		0.00121	1.19	03/22/2022 02:55	WG1835975
Trichlorofluoromethane	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,2,3-Trichloropropane	ND		0.0151	1.19	03/22/2022 02:55	WG1835975
1,2,4-Trimethylbenzene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
1,2,3-Trimethylbenzene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
Vinyl chloride	ND		0.00302	1.19	03/22/2022 02:55	WG1835975
1,3,5-Trimethylbenzene	ND		0.00605	1.19	03/22/2022 02:55	WG1835975
Xylenes, Total	ND		0.00787	1.19	03/22/2022 02:55	WG1835975
(S) Toluene-d8	*104*		*75.0-131*		*03/22/2022 02:55*	WG1835975
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*03/22/2022 02:55*	WG1835975
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*03/22/2022 02:55*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.04	1	03/24/2022 20:28	WG1837054
C22-C32 Hydrocarbons	ND		4.04	1	03/24/2022 20:28	WG1837054
C32-C40 Hydrocarbons	ND		4.04	1	03/24/2022 20:28	WG1837054
(S) o-Terphenyl	*98.1*		*18.0-148*		*03/24/2022 20:28*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0202	1	03/24/2022 11:41	WG1835393
Alpha BHC	ND		0.0202	1	03/24/2022 11:41	WG1835393
Beta BHC	ND		0.0202	1	03/24/2022 11:41	WG1835393
Delta BHC	ND		0.0202	1	03/24/2022 11:41	WG1835393
Gamma BHC	ND		0.0202	1	03/24/2022 11:41	WG1835393
Chlordane	ND		0.303	1	03/24/2022 11:41	WG1835393
4,4-DDD	ND		0.0202	1	03/24/2022 11:41	WG1835393
4,4-DDE	ND		0.0202	1	03/24/2022 11:41	WG1835393
4,4-DDT	ND		0.0202	1	03/24/2022 11:41	WG1835393
Dieldrin	ND		0.0202	1	03/24/2022 11:41	WG1835393
Endosulfan I	ND		0.0202	1	03/24/2022 11:41	WG1835393
Endosulfan II	ND		0.0202	1	03/24/2022 11:41	WG1835393
Endosulfan sulfate	ND		0.0202	1	03/24/2022 11:41	WG1835393
Endrin	ND		0.0202	1	03/24/2022 11:41	WG1835393
Endrin aldehyde	ND		0.0202	1	03/24/2022 11:41	WG1835393
Endrin ketone	ND		0.0202	1	03/24/2022 11:41	WG1835393
Heptachlor	ND		0.0202	1	03/24/2022 11:41	WG1835393
Heptachlor epoxide	ND		0.0202	1	03/24/2022 11:41	WG1835393
Hexachlorobenzene	ND		0.0202	1	03/24/2022 11:41	WG1835393
Methoxychlor	ND		0.0202	1	03/24/2022 11:41	WG1835393
Toxaphene	ND		0.404	1	03/24/2022 11:41	WG1835393
(S) Decachlorobiphenyl	*60.2*		*10.0-135*		*03/24/2022 11:41*	WG1835393
(S) Tetrachloro-m-xylene	*58.3*		*10.0-139*		*03/24/2022 11:41*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0343	1	03/24/2022 11:41	WG1835393
PCB 1221	ND		0.0343	1	03/24/2022 11:41	WG1835393
PCB 1232	ND		0.0343	1	03/24/2022 11:41	WG1835393
PCB 1242	ND		0.0343	1	03/24/2022 11:41	WG1835393
PCB 1248	ND		0.0172	1	03/24/2022 11:41	WG1835393
PCB 1254	ND		0.0172	1	03/24/2022 11:41	WG1835393
PCB 1260	ND		0.0172	1	03/24/2022 11:41	WG1835393
(S) Decachlorobiphenyl	*62.0*		*10.0-135*		*03/24/2022 11:41*	WG1835393
(S) Tetrachloro-m-xylene	*62.5*		*10.0-139*		*03/24/2022 11:41*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Acenaphthylene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Anthracene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Benzidine	ND		1.68	1	03/24/2022 15:42	WG1837050
Benzo(a)anthracene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Benzo(b)fluoranthene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Benzo(k)fluoranthene	ND		0.0336	1	03/24/2022 15:42	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Benzo(a)pyrene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Bis(2-chlorethoxy)methane	ND		0.336	1	03/24/2022 15:42	WG1837050
Bis(2-chloroethyl)ether	ND		0.336	1	03/24/2022 15:42	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.336	1	03/24/2022 15:42	WG1837050
4-Bromophenyl-phenylether	ND		0.336	1	03/24/2022 15:42	WG1837050
2-Chloronaphthalene	ND		0.0336	1	03/24/2022 15:42	WG1837050
4-Chlorophenyl-phenylether	ND		0.336	1	03/24/2022 15:42	WG1837050
Chrysene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Dibenz(a,h)anthracene	ND		0.0336	1	03/24/2022 15:42	WG1837050
3,3-Dichlorobenzidine	ND		0.336	1	03/24/2022 15:42	WG1837050
2,4-Dinitrotoluene	ND		0.336	1	03/24/2022 15:42	WG1837050
2,6-Dinitrotoluene	ND		0.336	1	03/24/2022 15:42	WG1837050
Fluoranthene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Fluorene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Hexachlorobenzene	ND		0.336	1	03/24/2022 15:42	WG1837050
Hexachloro-1,3-butadiene	ND		0.336	1	03/24/2022 15:42	WG1837050
Hexachlorocyclopentadiene	ND		0.336	1	03/24/2022 15:42	WG1837050
Hexachloroethane	ND		0.336	1	03/24/2022 15:42	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Isophorone	ND		0.336	1	03/24/2022 15:42	WG1837050
Naphthalene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Nitrobenzene	ND		0.336	1	03/24/2022 15:42	WG1837050
n-Nitrosodimethylamine	ND		0.336	1	03/24/2022 15:42	WG1837050
n-Nitrosodiphenylamine	ND		0.336	1	03/24/2022 15:42	WG1837050
n-Nitrosodi-n-propylamine	ND		0.336	1	03/24/2022 15:42	WG1837050
Phenanthrene	ND		0.0336	1	03/24/2022 15:42	WG1837050
Benzylbutyl phthalate	ND		0.336	1	03/24/2022 15:42	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.336	1	03/24/2022 15:42	WG1837050
Di-n-butyl phthalate	ND		0.336	1	03/24/2022 15:42	WG1837050
Diethyl phthalate	ND		0.336	1	03/24/2022 15:42	WG1837050
Dimethyl phthalate	ND		0.336	1	03/24/2022 15:42	WG1837050
Di-n-octyl phthalate	ND		0.336	1	03/24/2022 15:42	WG1837050
Pyrene	ND		0.0336	1	03/24/2022 15:42	WG1837050
1,2,4-Trichlorobenzene	ND		0.336	1	03/24/2022 15:42	WG1837050
4-Chloro-3-methylphenol	ND		0.336	1	03/24/2022 15:42	WG1837050
2-Chlorophenol	ND		0.336	1	03/24/2022 15:42	WG1837050
2,4-Dichlorophenol	ND		0.336	1	03/24/2022 15:42	WG1837050
2,4-Dimethylphenol	ND		0.336	1	03/24/2022 15:42	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.336	1	03/24/2022 15:42	WG1837050
2,4-Dinitrophenol	ND		0.336	1	03/24/2022 15:42	WG1837050
2-Methylphenol	ND		0.336	1	03/24/2022 15:42	WG1837050
3&4-Methyl Phenol	ND		0.336	1	03/24/2022 15:42	WG1837050
2-Nitrophenol	ND		0.336	1	03/24/2022 15:42	WG1837050
4-Nitrophenol	ND		0.336	1	03/24/2022 15:42	WG1837050
Pentachlorophenol	ND		0.336	1	03/24/2022 15:42	WG1837050
Pyridine	ND		0.336	1	03/24/2022 15:42	WG1837050
2,4,5-Trichlorophenol	ND		0.336	1	03/24/2022 15:42	WG1837050
2,4,6-Trichlorophenol	ND		0.336	1	03/24/2022 15:42	WG1837050
Phenol	ND		0.336	1	03/24/2022 15:42	WG1837050
(S) 2-Fluorophenol	*68.5*		*12.0-120*		*03/24/2022 15:42*	WG1837050
(S) Phenol-d5	*61.8*		*10.0-120*		*03/24/2022 15:42*	WG1837050
(S) Nitrobenzene-d5	*58.4*		*10.0-122*		*03/24/2022 15:42*	WG1837050
(S) 2-Fluorobiphenyl	*67.6*		*15.0-120*		*03/24/2022 15:42*	WG1837050
(S) 2,4,6-Tribromophenol	*79.1*		*10.0-127*		*03/24/2022 15:42*	WG1837050
(S) p-Terphenyl-d14	*74.9*		*10.0-120*		*03/24/2022 15:42*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.2		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0459	1	03/25/2022 09:08	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.29	1	03/24/2022 17:37	WG1835703
Arsenic	ND		2.29	1	03/24/2022 17:37	WG1835703
Barium	13.2		0.573	1	03/24/2022 17:37	WG1835703
Beryllium	ND		0.229	1	03/24/2022 17:37	WG1835703
Cadmium	ND		0.573	1	03/24/2022 17:37	WG1835703
Chromium	3.21		1.15	1	03/24/2022 17:37	WG1835703
Cobalt	ND		1.15	1	03/24/2022 17:37	WG1835703
Copper	2.49		2.29	1	03/24/2022 17:37	WG1835703
Lead	1.21		0.573	1	03/24/2022 17:37	WG1835703
Molybdenum	ND		0.573	1	03/24/2022 17:37	WG1835703
Nickel	ND		2.29	1	03/24/2022 17:37	WG1835703
Selenium	ND		2.29	1	03/24/2022 17:37	WG1835703
Silver	ND		1.15	1	03/24/2022 17:37	WG1835703
Thallium	ND		2.29	1	03/24/2022 17:37	WG1835703
Vanadium	6.20		2.29	1	03/24/2022 17:37	WG1835703
Zinc	ND		5.73	1	03/24/2022 17:37	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		3.23	25	03/21/2022 10:51	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*89.5*		*77.0-120*		*03/21/2022 10:51*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0687	1.07	03/22/2022 03:14	WG1835975
Acrylonitrile	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
Benzene	ND		0.00137	1.07	03/22/2022 03:14	WG1835975
Bromobenzene	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
Bromodichloromethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Bromoform	ND		0.0344	1.07	03/22/2022 03:14	WG1835975
Bromomethane	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
n-Butylbenzene	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
sec-Butylbenzene	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
tert-Butylbenzene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
Carbon tetrachloride	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
Chlorobenzene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Chlorodibromomethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Chloroethane	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
Chloroform	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Chloromethane	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
2-Chlorotoluene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
4-Chlorotoluene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0344	1.07	03/22/2022 03:14	WG1835975
1,2-Dibromoethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Dibromomethane	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
1,2-Dichlorobenzene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
1,3-Dichlorobenzene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
1,4-Dichlorobenzene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
Dichlorodifluoromethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,1-Dichloroethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,2-Dichloroethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,1-Dichloroethene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
cis-1,2-Dichloroethene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
trans-1,2-Dichloroethene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
1,2-Dichloropropane	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
1,1-Dichloropropene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,3-Dichloropropane	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
cis-1,3-Dichloropropene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
trans-1,3-Dichloropropene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
2,2-Dichloropropane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Di-isopropyl ether	ND		0.00137	1.07	03/22/2022 03:14	WG1835975
Ethylbenzene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Hexachloro-1,3-butadiene	ND		0.0344	1.07	03/22/2022 03:14	WG1835975
Isopropylbenzene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
p-Isopropyltoluene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
2-Butanone (MEK)	ND		0.137	1.07	03/22/2022 03:14	WG1835975
Methylene Chloride	ND		0.0344	1.07	03/22/2022 03:14	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0344	1.07	03/22/2022 03:14	WG1835975
Methyl tert-butyl ether	ND		0.00137	1.07	03/22/2022 03:14	WG1835975
Naphthalene	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
n-Propylbenzene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
Styrene	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Tetrachloroethene	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Toluene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
1,2,3-Trichlorobenzene	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
1,2,4-Trichlorobenzene	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
1,1,1-Trichloroethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,1,2-Trichloroethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
Trichloroethene	ND		0.00137	1.07	03/22/2022 03:14	WG1835975
Trichlorofluoromethane	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,2,3-Trichloropropane	ND		0.0172	1.07	03/22/2022 03:14	WG1835975
1,2,4-Trimethylbenzene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
1,2,3-Trimethylbenzene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
Vinyl chloride	ND		0.00344	1.07	03/22/2022 03:14	WG1835975
1,3,5-Trimethylbenzene	ND		0.00687	1.07	03/22/2022 03:14	WG1835975
Xylenes, Total	ND		0.00893	1.07	03/22/2022 03:14	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 03:14*	WG1835975
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*03/22/2022 03:14*	WG1835975
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*03/22/2022 03:14*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.59	1	03/24/2022 17:56	WG1837054
C22-C32 Hydrocarbons	ND		4.59	1	03/24/2022 17:56	WG1837054
C32-C40 Hydrocarbons	ND		4.59	1	03/24/2022 17:56	WG1837054
(S) o-Terphenyl	*87.7*		*18.0-148*		*03/24/2022 17:56*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0229	1	03/24/2022 11:49	WG1835393
Alpha BHC	ND		0.0229	1	03/24/2022 11:49	WG1835393
Beta BHC	ND		0.0229	1	03/24/2022 11:49	WG1835393
Delta BHC	ND		0.0229	1	03/24/2022 11:49	WG1835393
Gamma BHC	ND		0.0229	1	03/24/2022 11:49	WG1835393
Chlordane	ND		0.344	1	03/24/2022 11:49	WG1835393
4,4-DDD	ND		0.0229	1	03/24/2022 11:49	WG1835393
4,4-DDE	ND		0.0229	1	03/24/2022 11:49	WG1835393
4,4-DDT	ND		0.0229	1	03/24/2022 11:49	WG1835393
Dieldrin	ND		0.0229	1	03/24/2022 11:49	WG1835393
Endosulfan I	ND		0.0229	1	03/24/2022 11:49	WG1835393
Endosulfan II	ND		0.0229	1	03/24/2022 11:49	WG1835393
Endosulfan sulfate	ND		0.0229	1	03/24/2022 11:49	WG1835393
Endrin	ND		0.0229	1	03/24/2022 11:49	WG1835393
Endrin aldehyde	ND		0.0229	1	03/24/2022 11:49	WG1835393
Endrin ketone	ND		0.0229	1	03/24/2022 11:49	WG1835393
Heptachlor	ND		0.0229	1	03/24/2022 11:49	WG1835393
Heptachlor epoxide	ND		0.0229	1	03/24/2022 11:49	WG1835393
Hexachlorobenzene	ND		0.0229	1	03/24/2022 11:49	WG1835393
Methoxychlor	ND		0.0229	1	03/24/2022 11:49	WG1835393
Toxaphene	ND		0.459	1	03/24/2022 11:49	WG1835393
(S) Decachlorobiphenyl	*54.4*		*10.0-135*		*03/24/2022 11:49*	WG1835393
(S) Tetrachloro-m-xylene	*69.8*		*10.0-139*		*03/24/2022 11:49*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0390	1	03/24/2022 11:49	WG1835393
PCB 1221	ND		0.0390	1	03/24/2022 11:49	WG1835393
PCB 1232	ND		0.0390	1	03/24/2022 11:49	WG1835393
PCB 1242	ND		0.0390	1	03/24/2022 11:49	WG1835393
PCB 1248	ND		0.0195	1	03/24/2022 11:49	WG1835393
PCB 1254	ND		0.0195	1	03/24/2022 11:49	WG1835393
PCB 1260	ND		0.0195	1	03/24/2022 11:49	WG1835393
(S) Decachlorobiphenyl	*54.1*		*10.0-135*		*03/24/2022 11:49*	WG1835393
(S) Tetrachloro-m-xylene	*73.0*		*10.0-139*		*03/24/2022 11:49*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Acenaphthylene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Anthracene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Benzidine	ND		1.91	1	03/24/2022 17:47	WG1837050
Benzo(a)anthracene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Benzo(b)fluoranthene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Benzo(k)fluoranthene	ND		0.0382	1	03/24/2022 17:47	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Benzo(a)pyrene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Bis(2-chlorethoxy)methane	ND		0.382	1	03/24/2022 17:47	WG1837050
Bis(2-chloroethyl)ether	ND		0.382	1	03/24/2022 17:47	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.382	1	03/24/2022 17:47	WG1837050
4-Bromophenyl-phenylether	ND		0.382	1	03/24/2022 17:47	WG1837050
2-Chloronaphthalene	ND		0.0382	1	03/24/2022 17:47	WG1837050
4-Chlorophenyl-phenylether	ND		0.382	1	03/24/2022 17:47	WG1837050
Chrysene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Dibenz(a,h)anthracene	ND		0.0382	1	03/24/2022 17:47	WG1837050
3,3-Dichlorobenzidine	ND		0.382	1	03/24/2022 17:47	WG1837050
2,4-Dinitrotoluene	ND		0.382	1	03/24/2022 17:47	WG1837050
2,6-Dinitrotoluene	ND		0.382	1	03/24/2022 17:47	WG1837050
Fluoranthene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Fluorene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Hexachlorobenzene	ND		0.382	1	03/24/2022 17:47	WG1837050
Hexachloro-1,3-butadiene	ND		0.382	1	03/24/2022 17:47	WG1837050
Hexachlorocyclopentadiene	ND		0.382	1	03/24/2022 17:47	WG1837050
Hexachloroethane	ND		0.382	1	03/24/2022 17:47	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Isophorone	ND		0.382	1	03/24/2022 17:47	WG1837050
Naphthalene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Nitrobenzene	ND		0.382	1	03/24/2022 17:47	WG1837050
n-Nitrosodimethylamine	ND		0.382	1	03/24/2022 17:47	WG1837050
n-Nitrosodiphenylamine	ND		0.382	1	03/24/2022 17:47	WG1837050
n-Nitrosodi-n-propylamine	ND		0.382	1	03/24/2022 17:47	WG1837050
Phenanthrene	ND		0.0382	1	03/24/2022 17:47	WG1837050
Benzylbutyl phthalate	ND		0.382	1	03/24/2022 17:47	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.382	1	03/24/2022 17:47	WG1837050
Di-n-butyl phthalate	ND		0.382	1	03/24/2022 17:47	WG1837050
Diethyl phthalate	ND		0.382	1	03/24/2022 17:47	WG1837050
Dimethyl phthalate	ND		0.382	1	03/24/2022 17:47	WG1837050
Di-n-octyl phthalate	ND		0.382	1	03/24/2022 17:47	WG1837050
Pyrene	ND		0.0382	1	03/24/2022 17:47	WG1837050
1,2,4-Trichlorobenzene	ND		0.382	1	03/24/2022 17:47	WG1837050
4-Chloro-3-methylphenol	ND		0.382	1	03/24/2022 17:47	WG1837050
2-Chlorophenol	ND		0.382	1	03/24/2022 17:47	WG1837050
2,4-Dichlorophenol	ND		0.382	1	03/24/2022 17:47	WG1837050
2,4-Dimethylphenol	ND		0.382	1	03/24/2022 17:47	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.382	1	03/24/2022 17:47	WG1837050
2,4-Dinitrophenol	ND		0.382	1	03/24/2022 17:47	WG1837050
2-Methylphenol	ND		0.382	1	03/24/2022 17:47	WG1837050
3&4-Methyl Phenol	ND		0.382	1	03/24/2022 17:47	WG1837050
2-Nitrophenol	ND		0.382	1	03/24/2022 17:47	WG1837050
4-Nitrophenol	ND		0.382	1	03/24/2022 17:47	WG1837050
Pentachlorophenol	ND		0.382	1	03/24/2022 17:47	WG1837050
Pyridine	ND		0.382	1	03/24/2022 17:47	WG1837050
2,4,5-Trichlorophenol	ND		0.382	1	03/24/2022 17:47	WG1837050
2,4,6-Trichlorophenol	ND		0.382	1	03/24/2022 17:47	WG1837050
Phenol	ND		0.382	1	03/24/2022 17:47	WG1837050
(S) 2-Fluorophenol	*78.9*		*12.0-120*		*03/24/2022 17:47*	WG1837050
(S) Phenol-d5	*70.9*		*10.0-120*		*03/24/2022 17:47*	WG1837050
(S) Nitrobenzene-d5	*65.2*		*10.0-122*		*03/24/2022 17:47*	WG1837050
(S) 2-Fluorobiphenyl	*72.7*		*15.0-120*		*03/24/2022 17:47*	WG1837050
(S) 2,4,6-Tribromophenol	*89.1*		*10.0-127*		*03/24/2022 17:47*	WG1837050
(S) p-Terphenyl-d14	*83.9*		*10.0-120*		*03/24/2022 17:47*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.0		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0455	1	03/25/2022 09:10	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.27	1	03/24/2022 17:39	WG1835703
Arsenic	3.21		2.27	1	03/24/2022 17:39	WG1835703
Barium	239		0.568	1	03/24/2022 17:39	WG1835703
Beryllium	0.694		0.227	1	03/24/2022 17:39	WG1835703
Cadmium	ND		0.568	1	03/24/2022 17:39	WG1835703
Chromium	18.8		1.14	1	03/24/2022 17:39	WG1835703
Cobalt	8.76		1.14	1	03/24/2022 17:39	WG1835703
Copper	24.2		2.27	1	03/24/2022 17:39	WG1835703
Lead	8.25		0.568	1	03/24/2022 17:39	WG1835703
Molybdenum	1.26		0.568	1	03/24/2022 17:39	WG1835703
Nickel	14.2		2.27	1	03/24/2022 17:39	WG1835703
Selenium	ND		2.27	1	03/24/2022 17:39	WG1835703
Silver	ND		1.14	1	03/24/2022 17:39	WG1835703
Thallium	ND		2.27	1	03/24/2022 17:39	WG1835703
Vanadium	54.8		2.27	1	03/24/2022 17:39	WG1835703
Zinc	64.4		5.68	1	03/24/2022 17:39	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		10.5	89.3	03/21/2022 13:53	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*89.5*		*77.0-120*		*03/21/2022 13:53*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0869	1.41	03/22/2022 03:33	WG1835975
Acrylonitrile	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
Benzene	ND		0.00174	1.41	03/22/2022 03:33	WG1835975
Bromobenzene	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
Bromodichloromethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Bromoform	ND		0.0435	1.41	03/22/2022 03:33	WG1835975
Bromomethane	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
n-Butylbenzene	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
sec-Butylbenzene	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
tert-Butylbenzene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
Carbon tetrachloride	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
Chlorobenzene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Chlorodibromomethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Chloroethane	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
Chloroform	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Chloromethane	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
2-Chlorotoluene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
4-Chlorotoluene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0435	1.41	03/22/2022 03:33	WG1835975
1,2-Dibromoethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Dibromomethane	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
1,2-Dichlorobenzene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
1,3-Dichlorobenzene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
1,4-Dichlorobenzene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
Dichlorodifluoromethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,1-Dichloroethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,2-Dichloroethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,1-Dichloroethene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
cis-1,2-Dichloroethene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
trans-1,2-Dichloroethene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
1,2-Dichloropropane	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
1,1-Dichloropropene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,3-Dichloropropane	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
cis-1,3-Dichloropropene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
trans-1,3-Dichloropropene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
2,2-Dichloropropane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Di-isopropyl ether	ND		0.00174	1.41	03/22/2022 03:33	WG1835975
Ethylbenzene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Hexachloro-1,3-butadiene	ND		0.0435	1.41	03/22/2022 03:33	WG1835975
Isopropylbenzene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
p-Isopropyltoluene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
2-Butanone (MEK)	ND		0.174	1.41	03/22/2022 03:33	WG1835975
Methylene Chloride	ND		0.0435	1.41	03/22/2022 03:33	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0435	1.41	03/22/2022 03:33	WG1835975
Methyl tert-butyl ether	ND		0.00174	1.41	03/22/2022 03:33	WG1835975
Naphthalene	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
n-Propylbenzene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
Styrene	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Tetrachloroethene	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Toluene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
1,2,3-Trichlorobenzene	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
1,2,4-Trichlorobenzene	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
1,1,1-Trichloroethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,1,2-Trichloroethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
Trichloroethene	ND		0.00174	1.41	03/22/2022 03:33	WG1835975
Trichlorofluoromethane	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,2,3-Trichloropropane	ND		0.0217	1.41	03/22/2022 03:33	WG1835975
1,2,4-Trimethylbenzene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
1,2,3-Trimethylbenzene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
Vinyl chloride	ND		0.00435	1.41	03/22/2022 03:33	WG1835975
1,3,5-Trimethylbenzene	ND		0.00869	1.41	03/22/2022 03:33	WG1835975
Xylenes, Total	ND		0.0113	1.41	03/22/2022 03:33	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 03:33*	WG1835975
(S) 4-Bromofluorobenzene	*98.9*		*67.0-138*		*03/22/2022 03:33*	WG1835975
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*03/22/2022 03:33*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.55	1	03/24/2022 16:48	WG1837054
C22-C32 Hydrocarbons	5.20		4.55	1	03/24/2022 16:48	WG1837054
C32-C40 Hydrocarbons	ND		4.55	1	03/24/2022 16:48	WG1837054
(S) o-Terphenyl	*49.5*		*18.0-148*		*03/24/2022 16:48*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0227	1	03/24/2022 11:58	WG1835393
Alpha BHC	ND		0.0227	1	03/24/2022 11:58	WG1835393
Beta BHC	ND		0.0227	1	03/24/2022 11:58	WG1835393
Delta BHC	ND		0.0227	1	03/24/2022 11:58	WG1835393
Gamma BHC	ND		0.0227	1	03/24/2022 11:58	WG1835393
Chlordane	ND		0.341	1	03/24/2022 11:58	WG1835393
4,4-DDD	ND		0.0227	1	03/24/2022 11:58	WG1835393
4,4-DDE	ND		0.0227	1	03/24/2022 11:58	WG1835393
4,4-DDT	ND		0.0227	1	03/24/2022 11:58	WG1835393
Dieldrin	ND		0.0227	1	03/24/2022 11:58	WG1835393
Endosulfan I	ND		0.0227	1	03/24/2022 11:58	WG1835393
Endosulfan II	ND		0.0227	1	03/24/2022 11:58	WG1835393
Endosulfan sulfate	ND		0.0227	1	03/24/2022 11:58	WG1835393
Endrin	ND		0.0227	1	03/24/2022 11:58	WG1835393
Endrin aldehyde	ND		0.0227	1	03/24/2022 11:58	WG1835393
Endrin ketone	ND		0.0227	1	03/24/2022 11:58	WG1835393
Heptachlor	ND		0.0227	1	03/24/2022 11:58	WG1835393
Heptachlor epoxide	ND		0.0227	1	03/24/2022 11:58	WG1835393
Hexachlorobenzene	ND		0.0227	1	03/24/2022 11:58	WG1835393
Methoxychlor	ND		0.0227	1	03/24/2022 11:58	WG1835393
Toxaphene	ND		0.455	1	03/24/2022 11:58	WG1835393
(S) Decachlorobiphenyl	*58.2*		*10.0-135*		*03/24/2022 11:58*	WG1835393
(S) Tetrachloro-m-xylene	*62.3*		*10.0-139*		*03/24/2022 11:58*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0386	1	03/24/2022 11:58	WG1835393
PCB 1221	ND		0.0386	1	03/24/2022 11:58	WG1835393
PCB 1232	ND		0.0386	1	03/24/2022 11:58	WG1835393
PCB 1242	ND		0.0386	1	03/24/2022 11:58	WG1835393
PCB 1248	ND		0.0193	1	03/24/2022 11:58	WG1835393
PCB 1254	ND		0.0193	1	03/24/2022 11:58	WG1835393
PCB 1260	ND		0.0193	1	03/24/2022 11:58	WG1835393
(S) Decachlorobiphenyl	*60.7*		*10.0-135*		*03/24/2022 11:58*	WG1835393
(S) Tetrachloro-m-xylene	*67.6*		*10.0-139*		*03/24/2022 11:58*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Acenaphthylene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Anthracene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Benzidine	ND		1.90	1	03/24/2022 19:10	WG1837050
Benzo(a)anthracene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Benzo(b)fluoranthene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Benzo(k)fluoranthene	ND		0.0378	1	03/24/2022 19:10	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Benzo(a)pyrene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Bis(2-chlorethoxy)methane	ND		0.378	1	03/24/2022 19:10	WG1837050
Bis(2-chloroethyl)ether	ND		0.378	1	03/24/2022 19:10	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.378	1	03/24/2022 19:10	WG1837050
4-Bromophenyl-phenylether	ND		0.378	1	03/24/2022 19:10	WG1837050
2-Chloronaphthalene	ND		0.0378	1	03/24/2022 19:10	WG1837050
4-Chlorophenyl-phenylether	ND		0.378	1	03/24/2022 19:10	WG1837050
Chrysene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Dibenz(a,h)anthracene	ND		0.0378	1	03/24/2022 19:10	WG1837050
3,3-Dichlorobenzidine	ND		0.378	1	03/24/2022 19:10	WG1837050
2,4-Dinitrotoluene	ND		0.378	1	03/24/2022 19:10	WG1837050
2,6-Dinitrotoluene	ND		0.378	1	03/24/2022 19:10	WG1837050
Fluoranthene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Fluorene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Hexachlorobenzene	ND		0.378	1	03/24/2022 19:10	WG1837050
Hexachloro-1,3-butadiene	ND		0.378	1	03/24/2022 19:10	WG1837050
Hexachlorocyclopentadiene	ND		0.378	1	03/24/2022 19:10	WG1837050
Hexachloroethane	ND		0.378	1	03/24/2022 19:10	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Isophorone	ND		0.378	1	03/24/2022 19:10	WG1837050
Naphthalene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Nitrobenzene	ND		0.378	1	03/24/2022 19:10	WG1837050
n-Nitrosodimethylamine	ND		0.378	1	03/24/2022 19:10	WG1837050
n-Nitrosodiphenylamine	ND		0.378	1	03/24/2022 19:10	WG1837050
n-Nitrosodi-n-propylamine	ND		0.378	1	03/24/2022 19:10	WG1837050
Phenanthrene	ND		0.0378	1	03/24/2022 19:10	WG1837050
Benzylbutyl phthalate	ND		0.378	1	03/24/2022 19:10	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.378	1	03/24/2022 19:10	WG1837050
Di-n-butyl phthalate	ND		0.378	1	03/24/2022 19:10	WG1837050
Diethyl phthalate	ND		0.378	1	03/24/2022 19:10	WG1837050
Dimethyl phthalate	ND		0.378	1	03/24/2022 19:10	WG1837050
Di-n-octyl phthalate	ND		0.378	1	03/24/2022 19:10	WG1837050
Pyrene	ND		0.0378	1	03/24/2022 19:10	WG1837050
1,2,4-Trichlorobenzene	ND		0.378	1	03/24/2022 19:10	WG1837050
4-Chloro-3-methylphenol	ND		0.378	1	03/24/2022 19:10	WG1837050
2-Chlorophenol	ND		0.378	1	03/24/2022 19:10	WG1837050
2,4-Dichlorophenol	ND		0.378	1	03/24/2022 19:10	WG1837050
2,4-Dimethylphenol	ND		0.378	1	03/24/2022 19:10	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.378	1	03/24/2022 19:10	WG1837050
2,4-Dinitrophenol	ND		0.378	1	03/24/2022 19:10	WG1837050
2-Methylphenol	ND		0.378	1	03/24/2022 19:10	WG1837050
3&4-Methyl Phenol	ND		0.378	1	03/24/2022 19:10	WG1837050
2-Nitrophenol	ND		0.378	1	03/24/2022 19:10	WG1837050
4-Nitrophenol	ND		0.378	1	03/24/2022 19:10	WG1837050
Pentachlorophenol	ND		0.378	1	03/24/2022 19:10	WG1837050
Pyridine	ND		0.378	1	03/24/2022 19:10	WG1837050
2,4,5-Trichlorophenol	ND		0.378	1	03/24/2022 19:10	WG1837050
2,4,6-Trichlorophenol	ND		0.378	1	03/24/2022 19:10	WG1837050
Phenol	ND		0.378	1	03/24/2022 19:10	WG1837050
(S) 2-Fluorophenol	*57.2*		*12.0-120*		*03/24/2022 19:10*	WG1837050
(S) Phenol-d5	*53.4*		*10.0-120*		*03/24/2022 19:10*	WG1837050
(S) Nitrobenzene-d5	*46.7*		*10.0-122*		*03/24/2022 19:10*	WG1837050
(S) 2-Fluorobiphenyl	*58.3*		*15.0-120*		*03/24/2022 19:10*	WG1837050
(S) 2,4,6-Tribromophenol	*67.9*		*10.0-127*		*03/24/2022 19:10*	WG1837050
(S) p-Terphenyl-d14	*63.9*		*10.0-120*		*03/24/2022 19:10*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.0		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0412	1	03/25/2022 09:13	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.06	1	03/24/2022 17:42	WG1835703
Arsenic	ND		2.06	1	03/24/2022 17:42	WG1835703
Barium	19.3		0.515	1	03/24/2022 17:42	WG1835703
Beryllium	ND		0.206	1	03/24/2022 17:42	WG1835703
Cadmium	ND		0.515	1	03/24/2022 17:42	WG1835703
Chromium	7.81		1.03	1	03/24/2022 17:42	WG1835703
Cobalt	ND		1.03	1	03/24/2022 17:42	WG1835703
Copper	3.63		2.06	1	03/24/2022 17:42	WG1835703
Lead	2.44		0.515	1	03/24/2022 17:42	WG1835703
Molybdenum	1.19		0.515	1	03/24/2022 17:42	WG1835703
Nickel	2.18		2.06	1	03/24/2022 17:42	WG1835703
Selenium	ND		2.06	1	03/24/2022 17:42	WG1835703
Silver	ND		1.03	1	03/24/2022 17:42	WG1835703
Thallium	ND		2.06	1	03/24/2022 17:42	WG1835703
Vanadium	10.8		2.06	1	03/24/2022 17:42	WG1835703
Zinc	7.50		5.15	1	03/24/2022 17:42	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		3.12	29.5	03/21/2022 15:09	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*89.9*		*77.0-120*		*03/21/2022 15:09*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0572	1.08	03/22/2022 03:51	WG1835975
Acrylonitrile	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
Benzene	ND		0.00114	1.08	03/22/2022 03:51	WG1835975
Bromobenzene	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
Bromodichloromethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Bromoform	ND		0.0286	1.08	03/22/2022 03:51	WG1835975
Bromomethane	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
n-Butylbenzene	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
sec-Butylbenzene	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
tert-Butylbenzene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
Carbon tetrachloride	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
Chlorobenzene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Chlorodibromomethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Chloroethane	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
Chloroform	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Chloromethane	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
2-Chlorotoluene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
4-Chlorotoluene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0286	1.08	03/22/2022 03:51	WG1835975
1,2-Dibromoethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Dibromomethane	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
1,2-Dichlorobenzene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
1,3-Dichlorobenzene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
1,4-Dichlorobenzene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
Dichlorodifluoromethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,1-Dichloroethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,2-Dichloroethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,1-Dichloroethene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
cis-1,2-Dichloroethene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
trans-1,2-Dichloroethene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
1,2-Dichloropropane	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
1,1-Dichloropropene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,3-Dichloropropane	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
cis-1,3-Dichloropropene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
trans-1,3-Dichloropropene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
2,2-Dichloropropane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Di-isopropyl ether	ND		0.00114	1.08	03/22/2022 03:51	WG1835975
Ethylbenzene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Hexachloro-1,3-butadiene	ND		0.0286	1.08	03/22/2022 03:51	WG1835975
Isopropylbenzene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
p-Isopropyltoluene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
2-Butanone (MEK)	ND		0.114	1.08	03/22/2022 03:51	WG1835975
Methylene Chloride	ND		0.0286	1.08	03/22/2022 03:51	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0286	1.08	03/22/2022 03:51	WG1835975
Methyl tert-butyl ether	ND		0.00114	1.08	03/22/2022 03:51	WG1835975
Naphthalene	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
n-Propylbenzene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
Styrene	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Tetrachloroethene	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Toluene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
1,2,3-Trichlorobenzene	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
1,2,4-Trichlorobenzene	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
1,1,1-Trichloroethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,1,2-Trichloroethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
Trichloroethene	ND		0.00114	1.08	03/22/2022 03:51	WG1835975
Trichlorofluoromethane	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,2,3-Trichloropropane	ND		0.0143	1.08	03/22/2022 03:51	WG1835975
1,2,4-Trimethylbenzene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
1,2,3-Trimethylbenzene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
Vinyl chloride	ND		0.00286	1.08	03/22/2022 03:51	WG1835975
1,3,5-Trimethylbenzene	ND		0.00572	1.08	03/22/2022 03:51	WG1835975
Xylenes, Total	ND		0.00744	1.08	03/22/2022 03:51	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 03:51*	WG1835975
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*03/22/2022 03:51*	WG1835975
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*03/22/2022 03:51*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.12	1	03/24/2022 19:20	WG1837054
C22-C32 Hydrocarbons	11.2		4.12	1	03/24/2022 19:20	WG1837054
C32-C40 Hydrocarbons	ND		4.12	1	03/24/2022 19:20	WG1837054
(S) o-Terphenyl	*86.4*		*18.0-148*		*03/24/2022 19:20*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0206	1	03/24/2022 12:07	WG1835393
Alpha BHC	ND		0.0206	1	03/24/2022 12:07	WG1835393
Beta BHC	ND		0.0206	1	03/24/2022 12:07	WG1835393
Delta BHC	ND		0.0206	1	03/24/2022 12:07	WG1835393
Gamma BHC	ND		0.0206	1	03/24/2022 12:07	WG1835393
Chlordane	ND		0.309	1	03/24/2022 12:07	WG1835393
4,4-DDD	ND		0.0206	1	03/24/2022 12:07	WG1835393
4,4-DDE	ND		0.0206	1	03/24/2022 12:07	WG1835393
4,4-DDT	ND		0.0206	1	03/24/2022 12:07	WG1835393
Dieldrin	ND		0.0206	1	03/24/2022 12:07	WG1835393
Endosulfan I	ND		0.0206	1	03/24/2022 12:07	WG1835393
Endosulfan II	ND		0.0206	1	03/24/2022 12:07	WG1835393
Endosulfan sulfate	ND		0.0206	1	03/24/2022 12:07	WG1835393
Endrin	ND		0.0206	1	03/24/2022 12:07	WG1835393
Endrin aldehyde	ND		0.0206	1	03/24/2022 12:07	WG1835393
Endrin ketone	ND		0.0206	1	03/24/2022 12:07	WG1835393
Heptachlor	ND		0.0206	1	03/24/2022 12:07	WG1835393
Heptachlor epoxide	ND		0.0206	1	03/24/2022 12:07	WG1835393
Hexachlorobenzene	ND		0.0206	1	03/24/2022 12:07	WG1835393
Methoxychlor	ND		0.0206	1	03/24/2022 12:07	WG1835393
Toxaphene	ND		0.412	1	03/24/2022 12:07	WG1835393
(S) Decachlorobiphenyl	*65.4*		*10.0-135*		*03/24/2022 12:07*	WG1835393
(S) Tetrachloro-m-xylene	*65.7*		*10.0-139*		*03/24/2022 12:07*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0350	1	03/24/2022 12:07	WG1835393
PCB 1221	ND		0.0350	1	03/24/2022 12:07	WG1835393
PCB 1232	ND		0.0350	1	03/24/2022 12:07	WG1835393
PCB 1242	ND		0.0350	1	03/24/2022 12:07	WG1835393
PCB 1248	ND		0.0175	1	03/24/2022 12:07	WG1835393
PCB 1254	ND		0.0175	1	03/24/2022 12:07	WG1835393
PCB 1260	ND		0.0175	1	03/24/2022 12:07	WG1835393
(S) Decachlorobiphenyl	*67.9*		*10.0-135*		*03/24/2022 12:07*	WG1835393
(S) Tetrachloro-m-xylene	*70.9*		*10.0-139*		*03/24/2022 12:07*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Acenaphthylene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Anthracene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Benzidine	ND		1.72	1	03/24/2022 17:26	WG1837050
Benzo(a)anthracene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Benzo(b)fluoranthene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Benzo(k)fluoranthene	ND		0.0343	1	03/24/2022 17:26	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Benzo(a)pyrene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Bis(2-chlorethoxy)methane	ND		0.343	1	03/24/2022 17:26	WG1837050
Bis(2-chloroethyl)ether	ND		0.343	1	03/24/2022 17:26	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.343	1	03/24/2022 17:26	WG1837050
4-Bromophenyl-phenylether	ND		0.343	1	03/24/2022 17:26	WG1837050
2-Chloronaphthalene	ND		0.0343	1	03/24/2022 17:26	WG1837050
4-Chlorophenyl-phenylether	ND		0.343	1	03/24/2022 17:26	WG1837050
Chrysene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Dibenz(a,h)anthracene	ND		0.0343	1	03/24/2022 17:26	WG1837050
3,3-Dichlorobenzidine	ND		0.343	1	03/24/2022 17:26	WG1837050
2,4-Dinitrotoluene	ND		0.343	1	03/24/2022 17:26	WG1837050
2,6-Dinitrotoluene	ND		0.343	1	03/24/2022 17:26	WG1837050
Fluoranthene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Fluorene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Hexachlorobenzene	ND		0.343	1	03/24/2022 17:26	WG1837050
Hexachloro-1,3-butadiene	ND		0.343	1	03/24/2022 17:26	WG1837050
Hexachlorocyclopentadiene	ND		0.343	1	03/24/2022 17:26	WG1837050
Hexachloroethane	ND		0.343	1	03/24/2022 17:26	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Isophorone	ND		0.343	1	03/24/2022 17:26	WG1837050
Naphthalene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Nitrobenzene	ND		0.343	1	03/24/2022 17:26	WG1837050
n-Nitrosodimethylamine	ND		0.343	1	03/24/2022 17:26	WG1837050
n-Nitrosodiphenylamine	ND		0.343	1	03/24/2022 17:26	WG1837050
n-Nitrosodi-n-propylamine	ND		0.343	1	03/24/2022 17:26	WG1837050
Phenanthrene	ND		0.0343	1	03/24/2022 17:26	WG1837050
Benzylbutyl phthalate	ND		0.343	1	03/24/2022 17:26	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.343	1	03/24/2022 17:26	WG1837050
Di-n-butyl phthalate	ND		0.343	1	03/24/2022 17:26	WG1837050
Diethyl phthalate	ND		0.343	1	03/24/2022 17:26	WG1837050
Dimethyl phthalate	ND		0.343	1	03/24/2022 17:26	WG1837050
Di-n-octyl phthalate	ND		0.343	1	03/24/2022 17:26	WG1837050
Pyrene	ND		0.0343	1	03/24/2022 17:26	WG1837050
1,2,4-Trichlorobenzene	ND		0.343	1	03/24/2022 17:26	WG1837050
4-Chloro-3-methylphenol	ND		0.343	1	03/24/2022 17:26	WG1837050
2-Chlorophenol	ND		0.343	1	03/24/2022 17:26	WG1837050
2,4-Dichlorophenol	ND		0.343	1	03/24/2022 17:26	WG1837050
2,4-Dimethylphenol	ND		0.343	1	03/24/2022 17:26	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.343	1	03/24/2022 17:26	WG1837050
2,4-Dinitrophenol	ND		0.343	1	03/24/2022 17:26	WG1837050
2-Methylphenol	ND		0.343	1	03/24/2022 17:26	WG1837050
3&4-Methyl Phenol	ND		0.343	1	03/24/2022 17:26	WG1837050
2-Nitrophenol	ND		0.343	1	03/24/2022 17:26	WG1837050
4-Nitrophenol	ND		0.343	1	03/24/2022 17:26	WG1837050
Pentachlorophenol	ND		0.343	1	03/24/2022 17:26	WG1837050
Pyridine	ND		0.343	1	03/24/2022 17:26	WG1837050
2,4,5-Trichlorophenol	ND		0.343	1	03/24/2022 17:26	WG1837050
2,4,6-Trichlorophenol	ND		0.343	1	03/24/2022 17:26	WG1837050
Phenol	ND		0.343	1	03/24/2022 17:26	WG1837050
(S) 2-Fluorophenol	*67.5*		*12.0-120*		*03/24/2022 17:26*	WG1837050
(S) Phenol-d5	*61.8*		*10.0-120*		*03/24/2022 17:26*	WG1837050
(S) Nitrobenzene-d5	*58.6*		*10.0-122*		*03/24/2022 17:26*	WG1837050
(S) 2-Fluorobiphenyl	*64.7*		*15.0-120*		*03/24/2022 17:26*	WG1837050
(S) 2,4,6-Tribromophenol	*76.7*		*10.0-127*		*03/24/2022 17:26*	WG1837050
(S) p-Terphenyl-d14	*74.8*		*10.0-120*		*03/24/2022 17:26*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.8		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0405	1	03/25/2022 09:15	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.02	1	03/24/2022 17:45	WG1835703
Arsenic	ND		2.02	1	03/24/2022 17:45	WG1835703
Barium	26.9		0.506	1	03/24/2022 17:45	WG1835703
Beryllium	ND		0.202	1	03/24/2022 17:45	WG1835703
Cadmium	ND		0.506	1	03/24/2022 17:45	WG1835703
Chromium	1.13		1.01	1	03/24/2022 17:45	WG1835703
Cobalt	ND		1.01	1	03/24/2022 17:45	WG1835703
Copper	ND		2.02	1	03/24/2022 17:45	WG1835703
Lead	1.06		0.506	1	03/24/2022 17:45	WG1835703
Molybdenum	ND		0.506	1	03/24/2022 17:45	WG1835703
Nickel	ND		2.02	1	03/24/2022 17:45	WG1835703
Selenium	ND		2.02	1	03/24/2022 17:45	WG1835703
Silver	ND		1.01	1	03/24/2022 17:45	WG1835703
Thallium	ND		2.02	1	03/24/2022 17:45	WG1835703
Vanadium	6.01		2.02	1	03/24/2022 17:45	WG1835703
Zinc	ND		5.06	1	03/24/2022 17:45	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.64	25.8	03/21/2022 15:32	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*89.6*		*77.0-120*		*03/21/2022 15:32*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0512	1	03/22/2022 04:10	WG1835975
Acrylonitrile	ND		0.0128	1	03/22/2022 04:10	WG1835975
Benzene	ND		0.00102	1	03/22/2022 04:10	WG1835975
Bromobenzene	ND		0.0128	1	03/22/2022 04:10	WG1835975
Bromodichloromethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
Bromoform	ND		0.0256	1	03/22/2022 04:10	WG1835975
Bromomethane	ND		0.0128	1	03/22/2022 04:10	WG1835975
n-Butylbenzene	ND		0.0128	1	03/22/2022 04:10	WG1835975
sec-Butylbenzene	ND		0.0128	1	03/22/2022 04:10	WG1835975
tert-Butylbenzene	ND		0.00512	1	03/22/2022 04:10	WG1835975
Carbon tetrachloride	ND		0.00512	1	03/22/2022 04:10	WG1835975
Chlorobenzene	ND		0.00256	1	03/22/2022 04:10	WG1835975
Chlorodibromomethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
Chloroethane	ND		0.00512	1	03/22/2022 04:10	WG1835975
Chloroform	ND		0.00256	1	03/22/2022 04:10	WG1835975
Chloromethane	ND		0.0128	1	03/22/2022 04:10	WG1835975
2-Chlorotoluene	ND		0.00256	1	03/22/2022 04:10	WG1835975
4-Chlorotoluene	ND		0.00512	1	03/22/2022 04:10	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0256	1	03/22/2022 04:10	WG1835975
1,2-Dibromoethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
Dibromomethane	ND		0.00512	1	03/22/2022 04:10	WG1835975
1,2-Dichlorobenzene	ND		0.00512	1	03/22/2022 04:10	WG1835975
1,3-Dichlorobenzene	ND		0.00512	1	03/22/2022 04:10	WG1835975
1,4-Dichlorobenzene	ND		0.00512	1	03/22/2022 04:10	WG1835975
Dichlorodifluoromethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,1-Dichloroethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,2-Dichloroethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,1-Dichloroethene	ND		0.00256	1	03/22/2022 04:10	WG1835975
cis-1,2-Dichloroethene	ND		0.00256	1	03/22/2022 04:10	WG1835975
trans-1,2-Dichloroethene	ND		0.00512	1	03/22/2022 04:10	WG1835975
1,2-Dichloropropane	ND		0.00512	1	03/22/2022 04:10	WG1835975
1,1-Dichloropropene	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,3-Dichloropropane	ND		0.00512	1	03/22/2022 04:10	WG1835975
cis-1,3-Dichloropropene	ND		0.00256	1	03/22/2022 04:10	WG1835975
trans-1,3-Dichloropropene	ND		0.00512	1	03/22/2022 04:10	WG1835975
2,2-Dichloropropane	ND		0.00256	1	03/22/2022 04:10	WG1835975
Di-isopropyl ether	ND		0.00102	1	03/22/2022 04:10	WG1835975
Ethylbenzene	ND		0.00256	1	03/22/2022 04:10	WG1835975
Hexachloro-1,3-butadiene	ND		0.0256	1	03/22/2022 04:10	WG1835975
Isopropylbenzene	ND		0.00256	1	03/22/2022 04:10	WG1835975
p-Isopropyltoluene	ND		0.00512	1	03/22/2022 04:10	WG1835975
2-Butanone (MEK)	ND		0.102	1	03/22/2022 04:10	WG1835975
Methylene Chloride	ND		0.0256	1	03/22/2022 04:10	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0256	1	03/22/2022 04:10	WG1835975
Methyl tert-butyl ether	ND		0.00102	1	03/22/2022 04:10	WG1835975
Naphthalene	ND		0.0128	1	03/22/2022 04:10	WG1835975
n-Propylbenzene	ND		0.00512	1	03/22/2022 04:10	WG1835975
Styrene	ND		0.0128	1	03/22/2022 04:10	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
Tetrachloroethene	ND		0.00256	1	03/22/2022 04:10	WG1835975
Toluene	ND		0.00512	1	03/22/2022 04:10	WG1835975
1,2,3-Trichlorobenzene	ND		0.0128	1	03/22/2022 04:10	WG1835975
1,2,4-Trichlorobenzene	ND		0.0128	1	03/22/2022 04:10	WG1835975
1,1,1-Trichloroethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,1,2-Trichloroethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
Trichloroethene	ND		0.00102	1	03/22/2022 04:10	WG1835975
Trichlorofluoromethane	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,2,3-Trichloropropane	ND		0.0128	1	03/22/2022 04:10	WG1835975
1,2,4-Trimethylbenzene	ND		0.00512	1	03/22/2022 04:10	WG1835975
1,2,3-Trimethylbenzene	ND		0.00512	1	03/22/2022 04:10	WG1835975
Vinyl chloride	ND		0.00256	1	03/22/2022 04:10	WG1835975
1,3,5-Trimethylbenzene	ND		0.00512	1	03/22/2022 04:10	WG1835975
Xylenes, Total	ND		0.00666	1	03/22/2022 04:10	WG1835975
(S) Toluene-d8	*106*		*75.0-131*		*03/22/2022 04:10*	WG1835975
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*03/22/2022 04:10*	WG1835975
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*03/22/2022 04:10*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.05	1	03/24/2022 20:45	WG1837054
C22-C32 Hydrocarbons	ND		4.05	1	03/24/2022 20:45	WG1837054
C32-C40 Hydrocarbons	ND		4.05	1	03/24/2022 20:45	WG1837054
(S) o-Terphenyl	*100*		*18.0-148*		*03/24/2022 20:45*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0202	1	03/24/2022 12:15	WG1835393
Alpha BHC	ND		0.0202	1	03/24/2022 12:15	WG1835393
Beta BHC	ND		0.0202	1	03/24/2022 12:15	WG1835393
Delta BHC	ND		0.0202	1	03/24/2022 12:15	WG1835393
Gamma BHC	ND		0.0202	1	03/24/2022 12:15	WG1835393
Chlordane	ND		0.304	1	03/24/2022 12:15	WG1835393
4,4-DDD	ND		0.0202	1	03/24/2022 12:15	WG1835393
4,4-DDE	ND		0.0202	1	03/24/2022 12:15	WG1835393
4,4-DDT	ND		0.0202	1	03/24/2022 12:15	WG1835393
Dieldrin	ND		0.0202	1	03/24/2022 12:15	WG1835393
Endosulfan I	ND		0.0202	1	03/24/2022 12:15	WG1835393
Endosulfan II	ND		0.0202	1	03/24/2022 12:15	WG1835393
Endosulfan sulfate	ND		0.0202	1	03/24/2022 12:15	WG1835393
Endrin	ND		0.0202	1	03/24/2022 12:15	WG1835393
Endrin aldehyde	ND		0.0202	1	03/24/2022 12:15	WG1835393
Endrin ketone	ND		0.0202	1	03/24/2022 12:15	WG1835393
Heptachlor	ND		0.0202	1	03/24/2022 12:15	WG1835393
Heptachlor epoxide	ND		0.0202	1	03/24/2022 12:15	WG1835393
Hexachlorobenzene	ND		0.0202	1	03/24/2022 12:15	WG1835393
Methoxychlor	ND		0.0202	1	03/24/2022 12:15	WG1835393
Toxaphene	ND		0.405	1	03/24/2022 12:15	WG1835393
(S) Decachlorobiphenyl	*68.3*		*10.0-135*		*03/24/2022 12:15*	WG1835393
(S) Tetrachloro-m-xylene	*67.4*		*10.0-139*		*03/24/2022 12:15*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0344	1	03/24/2022 12:15	WG1835393
PCB 1221	ND		0.0344	1	03/24/2022 12:15	WG1835393
PCB 1232	ND		0.0344	1	03/24/2022 12:15	WG1835393
PCB 1242	ND		0.0344	1	03/24/2022 12:15	WG1835393
PCB 1248	ND		0.0172	1	03/24/2022 12:15	WG1835393
PCB 1254	ND		0.0172	1	03/24/2022 12:15	WG1835393
PCB 1260	ND		0.0172	1	03/24/2022 12:15	WG1835393
(S) Decachlorobiphenyl	*71.2*		*10.0-135*		*03/24/2022 12:15*	WG1835393
(S) Tetrachloro-m-xylene	*72.4*		*10.0-139*		*03/24/2022 12:15*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Acenaphthylene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Anthracene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Benzidine	ND		1.69	1	03/24/2022 16:44	WG1837050
Benzo(a)anthracene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Benzo(b)fluoranthene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Benzo(k)fluoranthene	ND		0.0337	1	03/24/2022 16:44	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Benzo(a)pyrene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Bis(2-chlorethoxy)methane	ND		0.337	1	03/24/2022 16:44	WG1837050
Bis(2-chloroethyl)ether	ND		0.337	1	03/24/2022 16:44	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.337	1	03/24/2022 16:44	WG1837050
4-Bromophenyl-phenylether	ND		0.337	1	03/24/2022 16:44	WG1837050
2-Chloronaphthalene	ND		0.0337	1	03/24/2022 16:44	WG1837050
4-Chlorophenyl-phenylether	ND		0.337	1	03/24/2022 16:44	WG1837050
Chrysene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Dibenz(a,h)anthracene	ND		0.0337	1	03/24/2022 16:44	WG1837050
3,3-Dichlorobenzidine	ND		0.337	1	03/24/2022 16:44	WG1837050
2,4-Dinitrotoluene	ND		0.337	1	03/24/2022 16:44	WG1837050
2,6-Dinitrotoluene	ND		0.337	1	03/24/2022 16:44	WG1837050
Fluoranthene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Fluorene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Hexachlorobenzene	ND		0.337	1	03/24/2022 16:44	WG1837050
Hexachloro-1,3-butadiene	ND		0.337	1	03/24/2022 16:44	WG1837050
Hexachlorocyclopentadiene	ND		0.337	1	03/24/2022 16:44	WG1837050
Hexachloroethane	ND		0.337	1	03/24/2022 16:44	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Isophorone	ND		0.337	1	03/24/2022 16:44	WG1837050
Naphthalene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Nitrobenzene	ND		0.337	1	03/24/2022 16:44	WG1837050
n-Nitrosodimethylamine	ND		0.337	1	03/24/2022 16:44	WG1837050
n-Nitrosodiphenylamine	ND		0.337	1	03/24/2022 16:44	WG1837050
n-Nitrosodi-n-propylamine	ND		0.337	1	03/24/2022 16:44	WG1837050
Phenanthrene	ND		0.0337	1	03/24/2022 16:44	WG1837050
Benzylbutyl phthalate	ND		0.337	1	03/24/2022 16:44	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.337	1	03/24/2022 16:44	WG1837050
Di-n-butyl phthalate	ND		0.337	1	03/24/2022 16:44	WG1837050
Diethyl phthalate	ND		0.337	1	03/24/2022 16:44	WG1837050
Dimethyl phthalate	ND		0.337	1	03/24/2022 16:44	WG1837050
Di-n-octyl phthalate	ND		0.337	1	03/24/2022 16:44	WG1837050
Pyrene	ND		0.0337	1	03/24/2022 16:44	WG1837050
1,2,4-Trichlorobenzene	ND		0.337	1	03/24/2022 16:44	WG1837050
4-Chloro-3-methylphenol	ND		0.337	1	03/24/2022 16:44	WG1837050
2-Chlorophenol	ND		0.337	1	03/24/2022 16:44	WG1837050
2,4-Dichlorophenol	ND		0.337	1	03/24/2022 16:44	WG1837050
2,4-Dimethylphenol	ND		0.337	1	03/24/2022 16:44	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.337	1	03/24/2022 16:44	WG1837050
2,4-Dinitrophenol	ND		0.337	1	03/24/2022 16:44	WG1837050
2-Methylphenol	ND		0.337	1	03/24/2022 16:44	WG1837050
3&4-Methyl Phenol	ND		0.337	1	03/24/2022 16:44	WG1837050
2-Nitrophenol	ND		0.337	1	03/24/2022 16:44	WG1837050
4-Nitrophenol	ND		0.337	1	03/24/2022 16:44	WG1837050
Pentachlorophenol	ND		0.337	1	03/24/2022 16:44	WG1837050
Pyridine	ND		0.337	1	03/24/2022 16:44	WG1837050
2,4,5-Trichlorophenol	ND		0.337	1	03/24/2022 16:44	WG1837050
2,4,6-Trichlorophenol	ND		0.337	1	03/24/2022 16:44	WG1837050
Phenol	ND		0.337	1	03/24/2022 16:44	WG1837050
(S) 2-Fluorophenol	*77.2*		*12.0-120*		*03/24/2022 16:44*	WG1837050
(S) Phenol-d5	*69.0*		*10.0-120*		*03/24/2022 16:44*	WG1837050
(S) Nitrobenzene-d5	*67.8*		*10.0-122*		*03/24/2022 16:44*	WG1837050
(S) 2-Fluorobiphenyl	*73.6*		*15.0-120*		*03/24/2022 16:44*	WG1837050
(S) 2,4,6-Tribromophenol	*85.7*		*10.0-127*		*03/24/2022 16:44*	WG1837050
(S) p-Terphenyl-d14	*83.9*		*10.0-120*		*03/24/2022 16:44*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.1		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0408	1	03/25/2022 09:23	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.04	1	03/24/2022 17:48	WG1835703
Arsenic	ND		2.04	1	03/24/2022 17:48	WG1835703
Barium	14.0		0.510	1	03/24/2022 17:48	WG1835703
Beryllium	ND		0.204	1	03/24/2022 17:48	WG1835703
Cadmium	ND		0.510	1	03/24/2022 17:48	WG1835703
Chromium	2.24		1.02	1	03/24/2022 17:48	WG1835703
Cobalt	ND		1.02	1	03/24/2022 17:48	WG1835703
Copper	ND		2.04	1	03/24/2022 17:48	WG1835703
Lead	1.43		0.510	1	03/24/2022 17:48	WG1835703
Molybdenum	ND		0.510	1	03/24/2022 17:48	WG1835703
Nickel	ND		2.04	1	03/24/2022 17:48	WG1835703
Selenium	ND		2.04	1	03/24/2022 17:48	WG1835703
Silver	ND		1.02	1	03/24/2022 17:48	WG1835703
Thallium	ND		2.04	1	03/24/2022 17:48	WG1835703
Vanadium	6.16		2.04	1	03/24/2022 17:48	WG1835703
Zinc	6.45		5.10	1	03/24/2022 17:48	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.98	28.7	03/21/2022 16:19	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*90.0*		*77.0-120*		*03/21/2022 16:19*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0555	1.07	03/22/2022 04:29	WG1835975
Acrylonitrile	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
Benzene	ND		0.00111	1.07	03/22/2022 04:29	WG1835975
Bromobenzene	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
Bromodichloromethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Bromoform	ND		0.0278	1.07	03/22/2022 04:29	WG1835975
Bromomethane	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
n-Butylbenzene	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
sec-Butylbenzene	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
tert-Butylbenzene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
Carbon tetrachloride	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
Chlorobenzene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Chlorodibromomethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Chloroethane	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
Chloroform	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Chloromethane	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
2-Chlorotoluene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
4-Chlorotoluene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0278	1.07	03/22/2022 04:29	WG1835975
1,2-Dibromoethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Dibromomethane	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
1,2-Dichlorobenzene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
1,3-Dichlorobenzene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
1,4-Dichlorobenzene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
Dichlorodifluoromethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,1-Dichloroethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,2-Dichloroethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,1-Dichloroethene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
cis-1,2-Dichloroethene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
trans-1,2-Dichloroethene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
1,2-Dichloropropane	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
1,1-Dichloropropene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,3-Dichloropropane	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
cis-1,3-Dichloropropene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
trans-1,3-Dichloropropene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
2,2-Dichloropropane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Di-isopropyl ether	ND		0.00111	1.07	03/22/2022 04:29	WG1835975
Ethylbenzene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Hexachloro-1,3-butadiene	ND		0.0278	1.07	03/22/2022 04:29	WG1835975
Isopropylbenzene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
p-Isopropyltoluene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
2-Butanone (MEK)	ND		0.111	1.07	03/22/2022 04:29	WG1835975
Methylene Chloride	ND		0.0278	1.07	03/22/2022 04:29	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0278	1.07	03/22/2022 04:29	WG1835975
Methyl tert-butyl ether	ND		0.00111	1.07	03/22/2022 04:29	WG1835975
Naphthalene	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
n-Propylbenzene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
Styrene	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Tetrachloroethene	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Toluene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
1,2,3-Trichlorobenzene	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
1,2,4-Trichlorobenzene	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
1,1,1-Trichloroethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,1,2-Trichloroethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
Trichloroethene	ND		0.00111	1.07	03/22/2022 04:29	WG1835975
Trichlorofluoromethane	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,2,3-Trichloropropane	ND		0.0139	1.07	03/22/2022 04:29	WG1835975
1,2,4-Trimethylbenzene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
1,2,3-Trimethylbenzene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
Vinyl chloride	ND		0.00278	1.07	03/22/2022 04:29	WG1835975
1,3,5-Trimethylbenzene	ND		0.00555	1.07	03/22/2022 04:29	WG1835975
Xylenes, Total	ND		0.00723	1.07	03/22/2022 04:29	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 04:29*	WG1835975
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*03/22/2022 04:29*	WG1835975
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*03/22/2022 04:29*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.08	1	03/25/2022 10:07	WG1837054
C22-C32 Hydrocarbons	6.69		4.08	1	03/25/2022 10:07	WG1837054
C32-C40 Hydrocarbons	ND		4.08	1	03/25/2022 10:07	WG1837054
(S) o-Terphenyl	*93.6*		*18.0-148*		*03/25/2022 10:07*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0204	1	03/24/2022 12:24	WG1835393
Alpha BHC	ND		0.0204	1	03/24/2022 12:24	WG1835393
Beta BHC	ND		0.0204	1	03/24/2022 12:24	WG1835393
Delta BHC	ND		0.0204	1	03/24/2022 12:24	WG1835393
Gamma BHC	ND		0.0204	1	03/24/2022 12:24	WG1835393
Chlordane	ND		0.306	1	03/24/2022 12:24	WG1835393
4,4-DDD	ND		0.0204	1	03/24/2022 12:24	WG1835393
4,4-DDE	ND		0.0204	1	03/24/2022 12:24	WG1835393
4,4-DDT	ND		0.0204	1	03/24/2022 12:24	WG1835393
Dieldrin	ND		0.0204	1	03/24/2022 12:24	WG1835393
Endosulfan I	ND		0.0204	1	03/24/2022 12:24	WG1835393
Endosulfan II	ND		0.0204	1	03/24/2022 12:24	WG1835393
Endosulfan sulfate	ND		0.0204	1	03/24/2022 12:24	WG1835393
Endrin	ND		0.0204	1	03/24/2022 12:24	WG1835393
Endrin aldehyde	ND		0.0204	1	03/24/2022 12:24	WG1835393
Endrin ketone	ND		0.0204	1	03/24/2022 12:24	WG1835393
Heptachlor	ND		0.0204	1	03/24/2022 12:24	WG1835393
Heptachlor epoxide	ND		0.0204	1	03/24/2022 12:24	WG1835393
Hexachlorobenzene	ND		0.0204	1	03/24/2022 12:24	WG1835393
Methoxychlor	ND		0.0204	1	03/24/2022 12:24	WG1835393
Toxaphene	ND		0.408	1	03/24/2022 12:24	WG1835393
(S) Decachlorobiphenyl	*67.7*		*10.0-135*		*03/24/2022 12:24*	WG1835393
(S) Tetrachloro-m-xylene	*65.2*		*10.0-139*		*03/24/2022 12:24*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0347	1	03/24/2022 12:24	WG1835393
PCB 1221	ND		0.0347	1	03/24/2022 12:24	WG1835393
PCB 1232	ND		0.0347	1	03/24/2022 12:24	WG1835393
PCB 1242	ND		0.0347	1	03/24/2022 12:24	WG1835393
PCB 1248	ND		0.0173	1	03/24/2022 12:24	WG1835393
PCB 1254	ND		0.0173	1	03/24/2022 12:24	WG1835393
PCB 1260	ND		0.0173	1	03/24/2022 12:24	WG1835393
(S) Decachlorobiphenyl	*70.6*		*10.0-135*		*03/24/2022 12:24*	WG1835393
(S) Tetrachloro-m-xylene	*70.7*		*10.0-139*		*03/24/2022 12:24*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Acenaphthylene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Anthracene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Benzidine	ND		1.70	1	03/24/2022 19:51	WG1837050
Benzo(a)anthracene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Benzo(b)fluoranthene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Benzo(k)fluoranthene	ND		0.0340	1	03/24/2022 19:51	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Benzo(a)pyrene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Bis(2-chlorethoxy)methane	ND		0.340	1	03/24/2022 19:51	WG1837050
Bis(2-chloroethyl)ether	ND		0.340	1	03/24/2022 19:51	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.340	1	03/24/2022 19:51	WG1837050
4-Bromophenyl-phenylether	ND		0.340	1	03/24/2022 19:51	WG1837050
2-Chloronaphthalene	ND		0.0340	1	03/24/2022 19:51	WG1837050
4-Chlorophenyl-phenylether	ND		0.340	1	03/24/2022 19:51	WG1837050
Chrysene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Dibenz(a,h)anthracene	ND		0.0340	1	03/24/2022 19:51	WG1837050
3,3-Dichlorobenzidine	ND		0.340	1	03/24/2022 19:51	WG1837050
2,4-Dinitrotoluene	ND		0.340	1	03/24/2022 19:51	WG1837050
2,6-Dinitrotoluene	ND		0.340	1	03/24/2022 19:51	WG1837050
Fluoranthene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Fluorene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Hexachlorobenzene	ND		0.340	1	03/24/2022 19:51	WG1837050
Hexachloro-1,3-butadiene	ND		0.340	1	03/24/2022 19:51	WG1837050
Hexachlorocyclopentadiene	ND		0.340	1	03/24/2022 19:51	WG1837050
Hexachloroethane	ND		0.340	1	03/24/2022 19:51	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Isophorone	ND		0.340	1	03/24/2022 19:51	WG1837050
Naphthalene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Nitrobenzene	ND		0.340	1	03/24/2022 19:51	WG1837050
n-Nitrosodimethylamine	ND		0.340	1	03/24/2022 19:51	WG1837050
n-Nitrosodiphenylamine	ND		0.340	1	03/24/2022 19:51	WG1837050
n-Nitrosodi-n-propylamine	ND		0.340	1	03/24/2022 19:51	WG1837050
Phenanthrene	ND		0.0340	1	03/24/2022 19:51	WG1837050
Benzylbutyl phthalate	ND		0.340	1	03/24/2022 19:51	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.340	1	03/24/2022 19:51	WG1837050
Di-n-butyl phthalate	ND		0.340	1	03/24/2022 19:51	WG1837050
Diethyl phthalate	ND		0.340	1	03/24/2022 19:51	WG1837050
Dimethyl phthalate	ND		0.340	1	03/24/2022 19:51	WG1837050
Di-n-octyl phthalate	ND		0.340	1	03/24/2022 19:51	WG1837050
Pyrene	ND		0.0340	1	03/24/2022 19:51	WG1837050
1,2,4-Trichlorobenzene	ND		0.340	1	03/24/2022 19:51	WG1837050
4-Chloro-3-methylphenol	ND		0.340	1	03/24/2022 19:51	WG1837050
2-Chlorophenol	ND		0.340	1	03/24/2022 19:51	WG1837050
2,4-Dichlorophenol	ND		0.340	1	03/24/2022 19:51	WG1837050
2,4-Dimethylphenol	ND		0.340	1	03/24/2022 19:51	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.340	1	03/24/2022 19:51	WG1837050
2,4-Dinitrophenol	ND		0.340	1	03/24/2022 19:51	WG1837050
2-Methylphenol	ND		0.340	1	03/24/2022 19:51	WG1837050
3&4-Methyl Phenol	ND		0.340	1	03/24/2022 19:51	WG1837050
2-Nitrophenol	ND		0.340	1	03/24/2022 19:51	WG1837050
4-Nitrophenol	ND		0.340	1	03/24/2022 19:51	WG1837050
Pentachlorophenol	ND		0.340	1	03/24/2022 19:51	WG1837050
Pyridine	ND		0.340	1	03/24/2022 19:51	WG1837050
2,4,5-Trichlorophenol	ND		0.340	1	03/24/2022 19:51	WG1837050
2,4,6-Trichlorophenol	ND		0.340	1	03/24/2022 19:51	WG1837050
Phenol	ND		0.340	1	03/24/2022 19:51	WG1837050
(S) 2-Fluorophenol	*73.2*		*12.0-120*		*03/24/2022 19:51*	WG1837050
(S) Phenol-d5	*66.7*		*10.0-120*		*03/24/2022 19:51*	WG1837050
(S) Nitrobenzene-d5	*65.2*		*10.0-122*		*03/24/2022 19:51*	WG1837050
(S) 2-Fluorobiphenyl	*71.2*		*15.0-120*		*03/24/2022 19:51*	WG1837050
(S) 2,4,6-Tribromophenol	*70.3*		*10.0-127*		*03/24/2022 19:51*	WG1837050
(S) p-Terphenyl-d14	*83.0*		*10.0-120*		*03/24/2022 19:51*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.2		1	03/21/2022 13:23	WG1835576

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0407	1	03/25/2022 09:25	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.04	1	03/24/2022 17:51	WG1835703
Arsenic	ND		2.04	1	03/24/2022 17:51	WG1835703
Barium	21.0		0.509	1	03/24/2022 17:51	WG1835703
Beryllium	ND		0.204	1	03/24/2022 17:51	WG1835703
Cadmium	ND		0.509	1	03/24/2022 17:51	WG1835703
Chromium	4.41		1.02	1	03/24/2022 17:51	WG1835703
Cobalt	1.16		1.02	1	03/24/2022 17:51	WG1835703
Copper	3.02		2.04	1	03/24/2022 17:51	WG1835703
Lead	1.74		0.509	1	03/24/2022 17:51	WG1835703
Molybdenum	ND		0.509	1	03/24/2022 17:51	WG1835703
Nickel	ND		2.04	1	03/24/2022 17:51	WG1835703
Selenium	ND		2.04	1	03/24/2022 17:51	WG1835703
Silver	ND		1.02	1	03/24/2022 17:51	WG1835703
Thallium	ND		2.04	1	03/24/2022 17:51	WG1835703
Vanadium	14.0		2.04	1	03/24/2022 17:51	WG1835703
Zinc	8.04		5.09	1	03/24/2022 17:51	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.67	25.8	03/21/2022 16:42	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*89.9*		*77.0-120*		*03/21/2022 16:42*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0523	1.01	03/22/2022 04:48	WG1835975
Acrylonitrile	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
Benzene	ND		0.00105	1.01	03/22/2022 04:48	WG1835975
Bromobenzene	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
Bromodichloromethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Bromoform	ND		0.0262	1.01	03/22/2022 04:48	WG1835975
Bromomethane	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
n-Butylbenzene	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
sec-Butylbenzene	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
tert-Butylbenzene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
Carbon tetrachloride	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
Chlorobenzene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Chlorodibromomethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Chloroethane	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
Chloroform	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Chloromethane	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
2-Chlorotoluene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
4-Chlorotoluene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0262	1.01	03/22/2022 04:48	WG1835975
1,2-Dibromoethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Dibromomethane	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
1,2-Dichlorobenzene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
1,3-Dichlorobenzene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
1,4-Dichlorobenzene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
Dichlorodifluoromethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,1-Dichloroethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,2-Dichloroethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,1-Dichloroethene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
cis-1,2-Dichloroethene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
trans-1,2-Dichloroethene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
1,2-Dichloropropane	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
1,1-Dichloropropene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,3-Dichloropropane	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
cis-1,3-Dichloropropene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
trans-1,3-Dichloropropene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
2,2-Dichloropropane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Di-isopropyl ether	ND		0.00105	1.01	03/22/2022 04:48	WG1835975
Ethylbenzene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Hexachloro-1,3-butadiene	ND		0.0262	1.01	03/22/2022 04:48	WG1835975
Isopropylbenzene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
p-Isopropyltoluene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
2-Butanone (MEK)	ND		0.105	1.01	03/22/2022 04:48	WG1835975
Methylene Chloride	ND		0.0262	1.01	03/22/2022 04:48	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0262	1.01	03/22/2022 04:48	WG1835975
Methyl tert-butyl ether	ND		0.00105	1.01	03/22/2022 04:48	WG1835975
Naphthalene	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
n-Propylbenzene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
Styrene	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Tetrachloroethene	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Toluene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
1,2,3-Trichlorobenzene	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
1,2,4-Trichlorobenzene	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
1,1,1-Trichloroethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,1,2-Trichloroethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
Trichloroethene	ND		0.00105	1.01	03/22/2022 04:48	WG1835975
Trichlorofluoromethane	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,2,3-Trichloropropane	ND		0.0130	1.01	03/22/2022 04:48	WG1835975
1,2,4-Trimethylbenzene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
1,2,3-Trimethylbenzene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
Vinyl chloride	ND		0.00262	1.01	03/22/2022 04:48	WG1835975
1,3,5-Trimethylbenzene	ND		0.00523	1.01	03/22/2022 04:48	WG1835975
Xylenes, Total	ND		0.00679	1.01	03/22/2022 04:48	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 04:48*	WG1835975
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*03/22/2022 04:48*	WG1835975
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*03/22/2022 04:48*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.07	1	03/24/2022 18:30	WG1837054
C22-C32 Hydrocarbons	ND		4.07	1	03/24/2022 18:30	WG1837054
C32-C40 Hydrocarbons	ND		4.07	1	03/24/2022 18:30	WG1837054
(S) o-Terphenyl	*93.8*		*18.0-148*		*03/24/2022 18:30*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.0204	1	03/24/2022 12:33	WG1835393
Alpha BHC	ND		0.0204	1	03/24/2022 12:33	WG1835393
Beta BHC	ND		0.0204	1	03/24/2022 12:33	WG1835393
Delta BHC	ND		0.0204	1	03/24/2022 12:33	WG1835393
Gamma BHC	ND		0.0204	1	03/24/2022 12:33	WG1835393
Chlordane	ND		0.305	1	03/24/2022 12:33	WG1835393
4,4-DDD	ND		0.0204	1	03/24/2022 12:33	WG1835393
4,4-DDE	ND		0.0204	1	03/24/2022 12:33	WG1835393
4,4-DDT	ND		0.0204	1	03/24/2022 12:33	WG1835393
Dieldrin	ND		0.0204	1	03/24/2022 12:33	WG1835393
Endosulfan I	ND		0.0204	1	03/24/2022 12:33	WG1835393
Endosulfan II	ND		0.0204	1	03/24/2022 12:33	WG1835393
Endosulfan sulfate	ND		0.0204	1	03/24/2022 12:33	WG1835393
Endrin	ND		0.0204	1	03/24/2022 12:33	WG1835393
Endrin aldehyde	ND		0.0204	1	03/24/2022 12:33	WG1835393
Endrin ketone	ND		0.0204	1	03/24/2022 12:33	WG1835393
Heptachlor	ND		0.0204	1	03/24/2022 12:33	WG1835393
Heptachlor epoxide	ND		0.0204	1	03/24/2022 12:33	WG1835393
Hexachlorobenzene	ND		0.0204	1	03/24/2022 12:33	WG1835393
Methoxychlor	ND		0.0204	1	03/24/2022 12:33	WG1835393
Toxaphene	ND		0.407	1	03/24/2022 12:33	WG1835393
(S) Decachlorobiphenyl	*65.1*		*10.0-135*		*03/24/2022 12:33*	WG1835393
(S) Tetrachloro-m-xylene	*62.0*		*10.0-139*		*03/24/2022 12:33*	WG1835393

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0346	1	03/24/2022 12:33	WG1835393
PCB 1221	ND		0.0346	1	03/24/2022 12:33	WG1835393
PCB 1232	ND		0.0346	1	03/24/2022 12:33	WG1835393
PCB 1242	ND		0.0346	1	03/24/2022 12:33	WG1835393
PCB 1248	ND		0.0173	1	03/24/2022 12:33	WG1835393
PCB 1254	ND		0.0173	1	03/24/2022 12:33	WG1835393
PCB 1260	ND		0.0173	1	03/24/2022 12:33	WG1835393
(S) Decachlorobiphenyl	*67.4*		*10.0-135*		*03/24/2022 12:33*	WG1835393
(S) Tetrachloro-m-xylene	*67.1*		*10.0-139*		*03/24/2022 12:33*	WG1835393

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Acenaphthylene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Anthracene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Benzidine	ND		1.70	1	03/24/2022 17:05	WG1837050
Benzo(a)anthracene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Benzo(b)fluoranthene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Benzo(k)fluoranthene	ND		0.0339	1	03/24/2022 17:05	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Benzo(a)pyrene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Bis(2-chlorethoxy)methane	ND		0.339	1	03/24/2022 17:05	WG1837050
Bis(2-chloroethyl)ether	ND		0.339	1	03/24/2022 17:05	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.339	1	03/24/2022 17:05	WG1837050
4-Bromophenyl-phenylether	ND		0.339	1	03/24/2022 17:05	WG1837050
2-Chloronaphthalene	ND		0.0339	1	03/24/2022 17:05	WG1837050
4-Chlorophenyl-phenylether	ND		0.339	1	03/24/2022 17:05	WG1837050
Chrysene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Dibenz(a,h)anthracene	ND		0.0339	1	03/24/2022 17:05	WG1837050
3,3-Dichlorobenzidine	ND		0.339	1	03/24/2022 17:05	WG1837050
2,4-Dinitrotoluene	ND		0.339	1	03/24/2022 17:05	WG1837050
2,6-Dinitrotoluene	ND		0.339	1	03/24/2022 17:05	WG1837050
Fluoranthene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Fluorene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Hexachlorobenzene	ND		0.339	1	03/24/2022 17:05	WG1837050
Hexachloro-1,3-butadiene	ND		0.339	1	03/24/2022 17:05	WG1837050
Hexachlorocyclopentadiene	ND		0.339	1	03/24/2022 17:05	WG1837050
Hexachloroethane	ND		0.339	1	03/24/2022 17:05	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Isophorone	ND		0.339	1	03/24/2022 17:05	WG1837050
Naphthalene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Nitrobenzene	ND		0.339	1	03/24/2022 17:05	WG1837050
n-Nitrosodimethylamine	ND		0.339	1	03/24/2022 17:05	WG1837050
n-Nitrosodiphenylamine	ND		0.339	1	03/24/2022 17:05	WG1837050
n-Nitrosodi-n-propylamine	ND		0.339	1	03/24/2022 17:05	WG1837050
Phenanthrene	ND		0.0339	1	03/24/2022 17:05	WG1837050
Benzylbutyl phthalate	ND		0.339	1	03/24/2022 17:05	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.339	1	03/24/2022 17:05	WG1837050
Di-n-butyl phthalate	ND		0.339	1	03/24/2022 17:05	WG1837050
Diethyl phthalate	ND		0.339	1	03/24/2022 17:05	WG1837050
Dimethyl phthalate	ND		0.339	1	03/24/2022 17:05	WG1837050
Di-n-octyl phthalate	ND		0.339	1	03/24/2022 17:05	WG1837050
Pyrene	ND		0.0339	1	03/24/2022 17:05	WG1837050
1,2,4-Trichlorobenzene	ND		0.339	1	03/24/2022 17:05	WG1837050
4-Chloro-3-methylphenol	ND		0.339	1	03/24/2022 17:05	WG1837050
2-Chlorophenol	ND		0.339	1	03/24/2022 17:05	WG1837050
2,4-Dichlorophenol	ND		0.339	1	03/24/2022 17:05	WG1837050
2,4-Dimethylphenol	ND		0.339	1	03/24/2022 17:05	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.339	1	03/24/2022 17:05	WG1837050
2,4-Dinitrophenol	ND		0.339	1	03/24/2022 17:05	WG1837050
2-Methylphenol	ND		0.339	1	03/24/2022 17:05	WG1837050
3&4-Methyl Phenol	ND		0.339	1	03/24/2022 17:05	WG1837050
2-Nitrophenol	ND		0.339	1	03/24/2022 17:05	WG1837050
4-Nitrophenol	ND		0.339	1	03/24/2022 17:05	WG1837050
Pentachlorophenol	ND		0.339	1	03/24/2022 17:05	WG1837050
Pyridine	ND		0.339	1	03/24/2022 17:05	WG1837050
2,4,5-Trichlorophenol	ND		0.339	1	03/24/2022 17:05	WG1837050
2,4,6-Trichlorophenol	ND		0.339	1	03/24/2022 17:05	WG1837050
Phenol	ND		0.339	1	03/24/2022 17:05	WG1837050
(S) 2-Fluorophenol	*77.5*		*12.0-120*		*03/24/2022 17:05*	WG1837050
(S) Phenol-d5	*69.9*		*10.0-120*		*03/24/2022 17:05*	WG1837050
(S) Nitrobenzene-d5	*67.0*		*10.0-122*		*03/24/2022 17:05*	WG1837050
(S) 2-Fluorobiphenyl	*72.5*		*15.0-120*		*03/24/2022 17:05*	WG1837050
(S) 2,4,6-Tribromophenol	*86.9*		*10.0-127*		*03/24/2022 17:05*	WG1837050
(S) p-Terphenyl-d14	*85.5*		*10.0-120*		*03/24/2022 17:05*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.2		1	03/21/2022 13:16	WG1835577

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0407	1	03/25/2022 09:28	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.04	1	03/24/2022 17:53	WG1835703
Arsenic	ND		2.04	1	03/24/2022 17:53	WG1835703
Barium	10.9		0.509	1	03/24/2022 17:53	WG1835703
Beryllium	ND		0.204	1	03/24/2022 17:53	WG1835703
Cadmium	ND		0.509	1	03/24/2022 17:53	WG1835703
Chromium	1.95		1.02	1	03/24/2022 17:53	WG1835703
Cobalt	ND		1.02	1	03/24/2022 17:53	WG1835703
Copper	2.29		2.04	1	03/24/2022 17:53	WG1835703
Lead	0.915		0.509	1	03/24/2022 17:53	WG1835703
Molybdenum	ND		0.509	1	03/24/2022 17:53	WG1835703
Nickel	ND		2.04	1	03/24/2022 17:53	WG1835703
Selenium	ND		2.04	1	03/24/2022 17:53	WG1835703
Silver	ND		1.02	1	03/24/2022 17:53	WG1835703
Thallium	ND		2.04	1	03/24/2022 17:53	WG1835703
Vanadium	8.15		2.04	1	03/24/2022 17:53	WG1835703
Zinc	ND		5.09	1	03/24/2022 17:53	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.72	26.3	03/21/2022 18:01	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*89.3*		*77.0-120*		*03/21/2022 18:01*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0523	1.01	03/22/2022 05:07	WG1835975
Acrylonitrile	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
Benzene	ND		0.00105	1.01	03/22/2022 05:07	WG1835975
Bromobenzene	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
Bromodichloromethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Bromoform	ND		0.0262	1.01	03/22/2022 05:07	WG1835975
Bromomethane	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
n-Butylbenzene	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
sec-Butylbenzene	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
tert-Butylbenzene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
Carbon tetrachloride	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
Chlorobenzene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Chlorodibromomethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Chloroethane	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
Chloroform	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Chloromethane	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
2-Chlorotoluene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
4-Chlorotoluene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0262	1.01	03/22/2022 05:07	WG1835975
1,2-Dibromoethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Dibromomethane	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
1,2-Dichlorobenzene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
1,3-Dichlorobenzene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
1,4-Dichlorobenzene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
Dichlorodifluoromethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,1-Dichloroethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,2-Dichloroethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,1-Dichloroethene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
cis-1,2-Dichloroethene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
trans-1,2-Dichloroethene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
1,2-Dichloropropane	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
1,1-Dichloropropene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,3-Dichloropropane	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
cis-1,3-Dichloropropene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
trans-1,3-Dichloropropene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
2,2-Dichloropropane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Di-isopropyl ether	ND		0.00105	1.01	03/22/2022 05:07	WG1835975
Ethylbenzene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Hexachloro-1,3-butadiene	ND		0.0262	1.01	03/22/2022 05:07	WG1835975
Isopropylbenzene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
p-Isopropyltoluene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
2-Butanone (MEK)	ND		0.105	1.01	03/22/2022 05:07	WG1835975
Methylene Chloride	ND		0.0262	1.01	03/22/2022 05:07	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0262	1.01	03/22/2022 05:07	WG1835975
Methyl tert-butyl ether	ND		0.00105	1.01	03/22/2022 05:07	WG1835975
Naphthalene	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
n-Propylbenzene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
Styrene	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Tetrachloroethene	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Toluene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
1,2,3-Trichlorobenzene	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
1,2,4-Trichlorobenzene	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
1,1,1-Trichloroethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,1,2-Trichloroethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
Trichloroethene	ND		0.00105	1.01	03/22/2022 05:07	WG1835975
Trichlorofluoromethane	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,2,3-Trichloropropane	ND		0.0131	1.01	03/22/2022 05:07	WG1835975
1,2,4-Trimethylbenzene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
1,2,3-Trimethylbenzene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
Vinyl chloride	ND		0.00262	1.01	03/22/2022 05:07	WG1835975
1,3,5-Trimethylbenzene	ND		0.00523	1.01	03/22/2022 05:07	WG1835975
Xylenes, Total	ND		0.00680	1.01	03/22/2022 05:07	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 05:07*	WG1835975
(S) 4-Bromofluorobenzene	*99.4*		*67.0-138*		*03/22/2022 05:07*	WG1835975
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*03/22/2022 05:07*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.07	1	03/24/2022 21:02	WG1837054
C22-C32 Hydrocarbons	ND		4.07	1	03/24/2022 21:02	WG1837054
C32-C40 Hydrocarbons	ND		4.07	1	03/24/2022 21:02	WG1837054
(S) o-Terphenyl	*103*		*18.0-148*		*03/24/2022 21:02*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.204	10	03/26/2022 18:22	WG1837075
Alpha BHC	ND		0.204	10	03/26/2022 18:22	WG1837075
Beta BHC	ND		0.204	10	03/26/2022 18:22	WG1837075
Delta BHC	ND		0.204	10	03/26/2022 18:22	WG1837075
Gamma BHC	ND		0.204	10	03/26/2022 18:22	WG1837075
Chlordane	ND		3.05	10	03/26/2022 18:22	WG1837075
4,4-DDD	ND		0.204	10	03/26/2022 18:22	WG1837075
4,4-DDE	ND		0.204	10	03/26/2022 18:22	WG1837075
4,4-DDT	ND		0.204	10	03/26/2022 18:22	WG1837075
Dieldrin	ND		0.204	10	03/26/2022 18:22	WG1837075
Endosulfan I	ND		0.204	10	03/26/2022 18:22	WG1837075
Endosulfan II	ND		0.204	10	03/26/2022 18:22	WG1837075
Endosulfan sulfate	ND		0.204	10	03/26/2022 18:22	WG1837075
Endrin	ND		0.204	10	03/26/2022 18:22	WG1837075
Endrin aldehyde	ND		0.204	10	03/26/2022 18:22	WG1837075
Endrin ketone	ND		0.204	10	03/26/2022 18:22	WG1837075
Heptachlor	ND		0.204	10	03/26/2022 18:22	WG1837075
Heptachlor epoxide	ND		0.204	10	03/26/2022 18:22	WG1837075
Hexachlorobenzene	ND		0.204	10	03/26/2022 18:22	WG1837075
Methoxychlor	ND		0.204	10	03/26/2022 18:22	WG1837075
Toxaphene	ND		4.07	10	03/26/2022 18:22	WG1837075
(S) Decachlorobiphenyl	*88.2*		*10.0-135*		*03/26/2022 18:22*	WG1837075
(S) Tetrachloro-m-xylene	*75.0*		*10.0-139*		*03/26/2022 18:22*	WG1837075

Sample Narrative:

L1473087-10 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.346	10	03/25/2022 17:06	WG1837075
PCB 1221	ND		0.346	10	03/25/2022 17:06	WG1837075
PCB 1232	ND		0.346	10	03/25/2022 17:06	WG1837075
PCB 1242	ND		0.346	10	03/25/2022 17:06	WG1837075
PCB 1248	ND		0.173	10	03/25/2022 17:06	WG1837075
PCB 1254	ND		0.173	10	03/25/2022 17:06	WG1837075
PCB 1260	ND		0.173	10	03/25/2022 17:06	WG1837075
(S) Decachlorobiphenyl	*78.3*		*10.0-135*		*03/25/2022 17:06*	WG1837075
(S) Tetrachloro-m-xylene	*71.5*		*10.0-139*		*03/25/2022 17:06*	WG1837075

Sample Narrative:

L1473087-10 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Acenaphthylene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Anthracene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Benzidine	ND		1.70	1	03/24/2022 16:03	WG1837050
Benzo(a)anthracene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Benzo(b)fluoranthene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Benzo(k)fluoranthene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Benzo(g,h,i)perylene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Benzo(a)pyrene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Bis(2-chlorethoxy)methane	ND		0.339	1	03/24/2022 16:03	WG1837050
Bis(2-chloroethyl)ether	ND		0.339	1	03/24/2022 16:03	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.339	1	03/24/2022 16:03	WG1837050
4-Bromophenyl-phenylether	ND		0.339	1	03/24/2022 16:03	WG1837050
2-Chloronaphthalene	ND		0.0339	1	03/24/2022 16:03	WG1837050
4-Chlorophenyl-phenylether	ND		0.339	1	03/24/2022 16:03	WG1837050
Chrysene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Dibenz(a,h)anthracene	ND		0.0339	1	03/24/2022 16:03	WG1837050
3,3-Dichlorobenzidine	ND		0.339	1	03/24/2022 16:03	WG1837050
2,4-Dinitrotoluene	ND		0.339	1	03/24/2022 16:03	WG1837050
2,6-Dinitrotoluene	ND		0.339	1	03/24/2022 16:03	WG1837050
Fluoranthene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Fluorene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Hexachlorobenzene	ND		0.339	1	03/24/2022 16:03	WG1837050
Hexachloro-1,3-butadiene	ND		0.339	1	03/24/2022 16:03	WG1837050
Hexachlorocyclopentadiene	ND		0.339	1	03/24/2022 16:03	WG1837050
Hexachloroethane	ND		0.339	1	03/24/2022 16:03	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Isophorone	ND		0.339	1	03/24/2022 16:03	WG1837050
Naphthalene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Nitrobenzene	ND		0.339	1	03/24/2022 16:03	WG1837050
n-Nitrosodimethylamine	ND		0.339	1	03/24/2022 16:03	WG1837050
n-Nitrosodiphenylamine	ND		0.339	1	03/24/2022 16:03	WG1837050
n-Nitrosodi-n-propylamine	ND		0.339	1	03/24/2022 16:03	WG1837050
Phenanthrene	ND		0.0339	1	03/24/2022 16:03	WG1837050
Benzylbutyl phthalate	ND		0.339	1	03/24/2022 16:03	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.339	1	03/24/2022 16:03	WG1837050
Di-n-butyl phthalate	ND		0.339	1	03/24/2022 16:03	WG1837050
Diethyl phthalate	ND		0.339	1	03/24/2022 16:03	WG1837050
Dimethyl phthalate	ND		0.339	1	03/24/2022 16:03	WG1837050
Di-n-octyl phthalate	ND		0.339	1	03/24/2022 16:03	WG1837050
Pyrene	ND		0.0339	1	03/24/2022 16:03	WG1837050
1,2,4-Trichlorobenzene	ND		0.339	1	03/24/2022 16:03	WG1837050
4-Chloro-3-methylphenol	ND		0.339	1	03/24/2022 16:03	WG1837050
2-Chlorophenol	ND		0.339	1	03/24/2022 16:03	WG1837050
2,4-Dichlorophenol	ND		0.339	1	03/24/2022 16:03	WG1837050
2,4-Dimethylphenol	ND		0.339	1	03/24/2022 16:03	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.339	1	03/24/2022 16:03	WG1837050
2,4-Dinitrophenol	ND		0.339	1	03/24/2022 16:03	WG1837050
2-Methylphenol	ND		0.339	1	03/24/2022 16:03	WG1837050
3&4-Methyl Phenol	ND		0.339	1	03/24/2022 16:03	WG1837050
2-Nitrophenol	ND		0.339	1	03/24/2022 16:03	WG1837050
4-Nitrophenol	ND		0.339	1	03/24/2022 16:03	WG1837050
Pentachlorophenol	ND		0.339	1	03/24/2022 16:03	WG1837050
Pyridine	ND		0.339	1	03/24/2022 16:03	WG1837050
2,4,5-Trichlorophenol	ND		0.339	1	03/24/2022 16:03	WG1837050
2,4,6-Trichlorophenol	ND		0.339	1	03/24/2022 16:03	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		0.339	1	03/24/2022 16:03	WG1837050
(S) 2-Fluorophenol	*76.8*		*12.0-120*		*03/24/2022 16:03*	WG1837050
(S) Phenol-d5	*69.5*		*10.0-120*		*03/24/2022 16:03*	WG1837050
(S) Nitrobenzene-d5	*65.6*		*10.0-122*		*03/24/2022 16:03*	WG1837050
(S) 2-Fluorobiphenyl	*72.7*		*15.0-120*		*03/24/2022 16:03*	WG1837050
(S) 2,4,6-Tribromophenol	*88.3*		*10.0-127*		*03/24/2022 16:03*	WG1837050
(S) p-Terphenyl-d14	*81.6*		*10.0-120*		*03/24/2022 16:03*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.3		1	03/21/2022 13:16	WG1835577

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0415	1	03/25/2022 09:30	WG1835814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.08	1	03/24/2022 18:01	WG1835703
Arsenic	ND		2.08	1	03/24/2022 18:01	WG1835703
Barium	31.8		0.519	1	03/24/2022 18:01	WG1835703
Beryllium	ND		0.208	1	03/24/2022 18:01	WG1835703
Cadmium	ND		0.519	1	03/24/2022 18:01	WG1835703
Chromium	5.33		1.04	1	03/24/2022 18:01	WG1835703
Cobalt	2.04		1.04	1	03/24/2022 18:01	WG1835703
Copper	8.21		2.08	1	03/24/2022 18:01	WG1835703
Lead	3.81		0.519	1	03/24/2022 18:01	WG1835703
Molybdenum	0.520		0.519	1	03/24/2022 18:01	WG1835703
Nickel	3.32		2.08	1	03/24/2022 18:01	WG1835703
Selenium	ND		2.08	1	03/24/2022 18:01	WG1835703
Silver	ND		1.04	1	03/24/2022 18:01	WG1835703
Thallium	ND		2.08	1	03/24/2022 18:01	WG1835703
Vanadium	17.2		2.08	1	03/24/2022 18:01	WG1835703
Zinc	19.2		5.19	1	03/24/2022 18:01	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.83	26.3	03/21/2022 18:24	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*89.7*		*77.0-120*		*03/21/2022 18:24*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0569	1.06	03/22/2022 05:26	WG1835975
Acrylonitrile	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
Benzene	ND		0.00114	1.06	03/22/2022 05:26	WG1835975
Bromobenzene	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
Bromodichloromethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Bromoform	ND		0.0285	1.06	03/22/2022 05:26	WG1835975
Bromomethane	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
n-Butylbenzene	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
sec-Butylbenzene	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
tert-Butylbenzene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
Carbon tetrachloride	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
Chlorobenzene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Chlorodibromomethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Chloroethane	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
Chloroform	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Chloromethane	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
2-Chlorotoluene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
4-Chlorotoluene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0285	1.06	03/22/2022 05:26	WG1835975
1,2-Dibromoethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Dibromomethane	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
1,2-Dichlorobenzene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
1,3-Dichlorobenzene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
1,4-Dichlorobenzene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
Dichlorodifluoromethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,1-Dichloroethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,2-Dichloroethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,1-Dichloroethene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
cis-1,2-Dichloroethene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
trans-1,2-Dichloroethene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
1,2-Dichloropropane	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
1,1-Dichloropropene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,3-Dichloropropane	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
cis-1,3-Dichloropropene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
trans-1,3-Dichloropropene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
2,2-Dichloropropane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Di-isopropyl ether	ND		0.00114	1.06	03/22/2022 05:26	WG1835975
Ethylbenzene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Hexachloro-1,3-butadiene	ND		0.0285	1.06	03/22/2022 05:26	WG1835975
Isopropylbenzene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
p-Isopropyltoluene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
2-Butanone (MEK)	ND		0.114	1.06	03/22/2022 05:26	WG1835975
Methylene Chloride	ND		0.0285	1.06	03/22/2022 05:26	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0285	1.06	03/22/2022 05:26	WG1835975
Methyl tert-butyl ether	ND		0.00114	1.06	03/22/2022 05:26	WG1835975
Naphthalene	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
n-Propylbenzene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
Styrene	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Tetrachloroethene	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Toluene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
1,2,3-Trichlorobenzene	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
1,2,4-Trichlorobenzene	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
1,1,1-Trichloroethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,1,2-Trichloroethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
Trichloroethene	ND		0.00114	1.06	03/22/2022 05:26	WG1835975
Trichlorofluoromethane	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,2,3-Trichloropropane	ND		0.0143	1.06	03/22/2022 05:26	WG1835975
1,2,4-Trimethylbenzene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
1,2,3-Trimethylbenzene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
Vinyl chloride	ND		0.00285	1.06	03/22/2022 05:26	WG1835975
1,3,5-Trimethylbenzene	ND		0.00569	1.06	03/22/2022 05:26	WG1835975
Xylenes, Total	ND		0.00740	1.06	03/22/2022 05:26	WG1835975
(S) Toluene-d8	*104*		*75.0-131*		*03/22/2022 05:26*	WG1835975
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*03/22/2022 05:26*	WG1835975
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*03/22/2022 05:26*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	537		20.8	5	03/24/2022 14:31	WG1837054
C22-C32 Hydrocarbons	307		20.8	5	03/24/2022 14:31	WG1837054
C32-C40 Hydrocarbons	74.8		20.8	5	03/24/2022 14:31	WG1837054
(S) o-Terphenyl	*68.9*		*18.0-148*		*03/24/2022 14:31*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.208	10	03/26/2022 18:31	WG1837075
Alpha BHC	ND		0.208	10	03/26/2022 18:31	WG1837075
Beta BHC	ND		0.208	10	03/26/2022 18:31	WG1837075
Delta BHC	ND		0.208	10	03/26/2022 18:31	WG1837075
Gamma BHC	ND		0.208	10	03/26/2022 18:31	WG1837075
Chlordane	ND		3.11	10	03/26/2022 18:31	WG1837075
4,4-DDD	ND		0.208	10	03/26/2022 18:31	WG1837075
4,4-DDE	ND		0.208	10	03/26/2022 18:31	WG1837075
4,4-DDT	ND		0.208	10	03/26/2022 18:31	WG1837075
Dieldrin	ND		0.208	10	03/26/2022 18:31	WG1837075
Endosulfan I	ND		0.208	10	03/26/2022 18:31	WG1837075
Endosulfan II	ND		0.208	10	03/26/2022 18:31	WG1837075
Endosulfan sulfate	ND		0.208	10	03/26/2022 18:31	WG1837075
Endrin	ND		0.208	10	03/26/2022 18:31	WG1837075
Endrin aldehyde	ND		0.208	10	03/26/2022 18:31	WG1837075
Endrin ketone	ND		0.208	10	03/26/2022 18:31	WG1837075
Heptachlor	ND		0.208	10	03/26/2022 18:31	WG1837075
Heptachlor epoxide	ND		0.208	10	03/26/2022 18:31	WG1837075
Hexachlorobenzene	ND		0.208	10	03/26/2022 18:31	WG1837075
Methoxychlor	ND		0.208	10	03/26/2022 18:31	WG1837075
Toxaphene	ND		4.15	10	03/26/2022 18:31	WG1837075
(S) Decachlorobiphenyl	*78.5*		*10.0-135*		*03/26/2022 18:31*	WG1837075
(S) Tetrachloro-m-xylene	*64.7*		*10.0-139*		*03/26/2022 18:31*	WG1837075

Sample Narrative:

L1473087-11 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.353	10	03/25/2022 17:15	WG1837075
PCB 1221	ND		0.353	10	03/25/2022 17:15	WG1837075
PCB 1232	ND		0.353	10	03/25/2022 17:15	WG1837075
PCB 1242	ND		0.353	10	03/25/2022 17:15	WG1837075
PCB 1248	ND		0.177	10	03/25/2022 17:15	WG1837075
PCB 1254	ND		0.177	10	03/25/2022 17:15	WG1837075
PCB 1260	ND		0.177	10	03/25/2022 17:15	WG1837075
(S) Decachlorobiphenyl	*70.6*		*10.0-135*		*03/25/2022 17:15*	WG1837075
(S) Tetrachloro-m-xylene	*72.3*		*10.0-139*		*03/25/2022 17:15*	WG1837075

Sample Narrative:

L1473087-11 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Acenaphthylene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Anthracene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Benzidine	ND		1.73	1	03/24/2022 21:35	WG1837050
Benzo(a)anthracene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Benzo(b)fluoranthene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Benzo(k)fluoranthene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Benzo(g,h,i)perylene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Benzo(a)pyrene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Bis(2-chlorethoxy)methane	ND		0.346	1	03/24/2022 21:35	WG1837050
Bis(2-chloroethyl)ether	ND		0.346	1	03/24/2022 21:35	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.346	1	03/24/2022 21:35	WG1837050
4-Bromophenyl-phenylether	ND		0.346	1	03/24/2022 21:35	WG1837050
2-Chloronaphthalene	ND		0.0346	1	03/24/2022 21:35	WG1837050
4-Chlorophenyl-phenylether	ND		0.346	1	03/24/2022 21:35	WG1837050
Chrysene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Dibenz(a,h)anthracene	ND		0.0346	1	03/24/2022 21:35	WG1837050
3,3-Dichlorobenzidine	ND		0.346	1	03/24/2022 21:35	WG1837050
2,4-Dinitrotoluene	ND		0.346	1	03/24/2022 21:35	WG1837050
2,6-Dinitrotoluene	ND		0.346	1	03/24/2022 21:35	WG1837050
Fluoranthene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Fluorene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Hexachlorobenzene	ND		0.346	1	03/24/2022 21:35	WG1837050
Hexachloro-1,3-butadiene	ND		0.346	1	03/24/2022 21:35	WG1837050
Hexachlorocyclopentadiene	ND		0.346	1	03/24/2022 21:35	WG1837050
Hexachloroethane	ND		0.346	1	03/24/2022 21:35	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Isophorone	ND		0.346	1	03/24/2022 21:35	WG1837050
Naphthalene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Nitrobenzene	ND		0.346	1	03/24/2022 21:35	WG1837050
n-Nitrosodimethylamine	ND		0.346	1	03/24/2022 21:35	WG1837050
n-Nitrosodiphenylamine	ND		0.346	1	03/24/2022 21:35	WG1837050
n-Nitrosodi-n-propylamine	ND		0.346	1	03/24/2022 21:35	WG1837050
Phenanthrene	ND		0.0346	1	03/24/2022 21:35	WG1837050
Benzylbutyl phthalate	ND		0.346	1	03/24/2022 21:35	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.346	1	03/24/2022 21:35	WG1837050
Di-n-butyl phthalate	ND		0.346	1	03/24/2022 21:35	WG1837050
Diethyl phthalate	ND		0.346	1	03/24/2022 21:35	WG1837050
Dimethyl phthalate	ND		0.346	1	03/24/2022 21:35	WG1837050
Di-n-octyl phthalate	ND		0.346	1	03/24/2022 21:35	WG1837050
Pyrene	ND		0.0346	1	03/24/2022 21:35	WG1837050
1,2,4-Trichlorobenzene	ND		0.346	1	03/24/2022 21:35	WG1837050
4-Chloro-3-methylphenol	ND		0.346	1	03/24/2022 21:35	WG1837050
2-Chlorophenol	ND		0.346	1	03/24/2022 21:35	WG1837050
2,4-Dichlorophenol	ND		0.346	1	03/24/2022 21:35	WG1837050
2,4-Dimethylphenol	ND		0.346	1	03/24/2022 21:35	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.346	1	03/24/2022 21:35	WG1837050
2,4-Dinitrophenol	ND		0.346	1	03/24/2022 21:35	WG1837050
2-Methylphenol	ND		0.346	1	03/24/2022 21:35	WG1837050
3&4-Methyl Phenol	ND		0.346	1	03/24/2022 21:35	WG1837050
2-Nitrophenol	ND		0.346	1	03/24/2022 21:35	WG1837050
4-Nitrophenol	ND		0.346	1	03/24/2022 21:35	WG1837050
Pentachlorophenol	ND		0.346	1	03/24/2022 21:35	WG1837050
Pyridine	ND		0.346	1	03/24/2022 21:35	WG1837050
2,4,5-Trichlorophenol	ND		0.346	1	03/24/2022 21:35	WG1837050
2,4,6-Trichlorophenol	ND		0.346	1	03/24/2022 21:35	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		0.346	1	03/24/2022 21:35	WG1837050
(S) 2-Fluorophenol	*63.6*		*12.0-120*		*03/24/2022 21:35*	WG1837050
(S) Phenol-d5	*59.3*		*10.0-120*		*03/24/2022 21:35*	WG1837050
(S) Nitrobenzene-d5	*60.8*		*10.0-122*		*03/24/2022 21:35*	WG1837050
(S) 2-Fluorobiphenyl	*57.1*		*15.0-120*		*03/24/2022 21:35*	WG1837050
(S) 2,4,6-Tribromophenol	*86.4*		*10.0-127*		*03/24/2022 21:35*	WG1837050
(S) p-Terphenyl-d14	*75.6*		*10.0-120*		*03/24/2022 21:35*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.4		1	03/21/2022 13:16	WG1835577

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0411	1	03/25/2022 10:30	WG1835778

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.05	1	03/24/2022 18:04	WG1835703
Arsenic	ND		2.05	1	03/24/2022 18:04	WG1835703
Barium	48.7		0.514	1	03/24/2022 18:04	WG1835703
Beryllium	0.249		0.205	1	03/24/2022 18:04	WG1835703
Cadmium	ND		0.514	1	03/24/2022 18:04	WG1835703
Chromium	7.03		1.03	1	03/24/2022 18:04	WG1835703
Cobalt	3.47		1.03	1	03/24/2022 18:04	WG1835703
Copper	8.58		2.05	1	03/24/2022 18:04	WG1835703
Lead	4.36		0.514	1	03/24/2022 18:04	WG1835703
Molybdenum	0.831		0.514	1	03/24/2022 18:04	WG1835703
Nickel	5.35		2.05	1	03/24/2022 18:04	WG1835703
Selenium	ND		2.05	1	03/24/2022 18:04	WG1835703
Silver	ND		1.03	1	03/24/2022 18:04	WG1835703
Thallium	ND		2.05	1	03/24/2022 18:04	WG1835703
Vanadium	21.5		2.05	1	03/24/2022 18:04	WG1835703
Zinc	22.6		5.14	1	03/24/2022 18:04	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.79	26.5	03/21/2022 18:46	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*90.3*		*77.0-120*		*03/21/2022 18:46*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0537	1.02	03/22/2022 05:45	WG1835975
Acrylonitrile	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
Benzene	ND		0.00107	1.02	03/22/2022 05:45	WG1835975
Bromobenzene	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
Bromodichloromethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Bromoform	ND		0.0269	1.02	03/22/2022 05:45	WG1835975
Bromomethane	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
n-Butylbenzene	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
sec-Butylbenzene	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
tert-Butylbenzene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
Carbon tetrachloride	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
Chlorobenzene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Chlorodibromomethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Chloroethane	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
Chloroform	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Chloromethane	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
2-Chlorotoluene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
4-Chlorotoluene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0269	1.02	03/22/2022 05:45	WG1835975
1,2-Dibromoethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Dibromomethane	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
1,2-Dichlorobenzene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
1,3-Dichlorobenzene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
1,4-Dichlorobenzene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
Dichlorodifluoromethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,1-Dichloroethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,2-Dichloroethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,1-Dichloroethene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
cis-1,2-Dichloroethene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
trans-1,2-Dichloroethene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
1,2-Dichloropropane	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
1,1-Dichloropropene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,3-Dichloropropane	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
cis-1,3-Dichloropropene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
trans-1,3-Dichloropropene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
2,2-Dichloropropane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Di-isopropyl ether	ND		0.00107	1.02	03/22/2022 05:45	WG1835975
Ethylbenzene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Hexachloro-1,3-butadiene	ND		0.0269	1.02	03/22/2022 05:45	WG1835975
Isopropylbenzene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
p-Isopropyltoluene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
2-Butanone (MEK)	ND		0.107	1.02	03/22/2022 05:45	WG1835975
Methylene Chloride	ND		0.0269	1.02	03/22/2022 05:45	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0269	1.02	03/22/2022 05:45	WG1835975
Methyl tert-butyl ether	ND		0.00107	1.02	03/22/2022 05:45	WG1835975
Naphthalene	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
n-Propylbenzene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
Styrene	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Tetrachloroethene	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Toluene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
1,2,3-Trichlorobenzene	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
1,2,4-Trichlorobenzene	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
1,1,1-Trichloroethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,1,2-Trichloroethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
Trichloroethene	ND		0.00107	1.02	03/22/2022 05:45	WG1835975
Trichlorofluoromethane	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,2,3-Trichloropropane	ND		0.0135	1.02	03/22/2022 05:45	WG1835975
1,2,4-Trimethylbenzene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
1,2,3-Trimethylbenzene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
Vinyl chloride	ND		0.00269	1.02	03/22/2022 05:45	WG1835975
1,3,5-Trimethylbenzene	ND		0.00537	1.02	03/22/2022 05:45	WG1835975
Xylenes, Total	ND		0.00699	1.02	03/22/2022 05:45	WG1835975
(S) Toluene-d8	*106*		*75.0-131*		*03/22/2022 05:45*	WG1835975
(S) 4-Bromofluorobenzene	*98.2*		*67.0-138*		*03/22/2022 05:45*	WG1835975
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*03/22/2022 05:45*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	12.2		4.11	1	03/24/2022 18:47	WG1837054
C22-C32 Hydrocarbons	130		4.11	1	03/24/2022 18:47	WG1837054
C32-C40 Hydrocarbons	32.6		4.11	1	03/24/2022 18:47	WG1837054
(S) o-Terphenyl	*66.6*		*18.0-148*		*03/24/2022 18:47*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.205	10	03/26/2022 18:39	WG1837075
Alpha BHC	ND		0.205	10	03/26/2022 18:39	WG1837075
Beta BHC	ND		0.205	10	03/26/2022 18:39	WG1837075
Delta BHC	ND		0.205	10	03/26/2022 18:39	WG1837075
Gamma BHC	ND		0.205	10	03/26/2022 18:39	WG1837075
Chlordane	ND		3.08	10	03/26/2022 18:39	WG1837075
4,4-DDD	ND		0.205	10	03/26/2022 18:39	WG1837075
4,4-DDE	ND		0.205	10	03/26/2022 18:39	WG1837075
4,4-DDT	ND		0.205	10	03/26/2022 18:39	WG1837075
Dieldrin	ND		0.205	10	03/26/2022 18:39	WG1837075
Endosulfan I	ND		0.205	10	03/26/2022 18:39	WG1837075
Endosulfan II	ND		0.205	10	03/26/2022 18:39	WG1837075
Endosulfan sulfate	ND		0.205	10	03/26/2022 18:39	WG1837075
Endrin	ND		0.205	10	03/26/2022 18:39	WG1837075
Endrin aldehyde	ND		0.205	10	03/26/2022 18:39	WG1837075
Endrin ketone	ND		0.205	10	03/26/2022 18:39	WG1837075
Heptachlor	ND		0.205	10	03/26/2022 18:39	WG1837075
Heptachlor epoxide	ND		0.205	10	03/26/2022 18:39	WG1837075
Hexachlorobenzene	ND		0.205	10	03/26/2022 18:39	WG1837075
Methoxychlor	ND		0.205	10	03/26/2022 18:39	WG1837075
Toxaphene	ND		4.11	10	03/26/2022 18:39	WG1837075
(S) Decachlorobiphenyl	*84.7*		*10.0-135*		*03/26/2022 18:39*	WG1837075
(S) Tetrachloro-m-xylene	*67.5*		*10.0-139*		*03/26/2022 18:39*	WG1837075

Sample Narrative:

L1473087-12 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.349	10	03/25/2022 17:24	WG1837075
PCB 1221	ND		0.349	10	03/25/2022 17:24	WG1837075
PCB 1232	ND		0.349	10	03/25/2022 17:24	WG1837075
PCB 1242	ND		0.349	10	03/25/2022 17:24	WG1837075
PCB 1248	ND		0.175	10	03/25/2022 17:24	WG1837075
PCB 1254	ND		0.175	10	03/25/2022 17:24	WG1837075
PCB 1260	ND		0.175	10	03/25/2022 17:24	WG1837075
(S) Decachlorobiphenyl	*74.8*		*10.0-135*		*03/25/2022 17:24*	WG1837075
(S) Tetrachloro-m-xylene	*76.0*		*10.0-139*		*03/25/2022 17:24*	WG1837075

Sample Narrative:

L1473087-12 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Acenaphthylene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Anthracene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Benzidine	ND		1.72	1	03/24/2022 19:30	WG1837050
Benzo(a)anthracene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Benzo(b)fluoranthene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Benzo(k)fluoranthene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Benzo(g,h,i)perylene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Benzo(a)pyrene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Bis(2-chlorethoxy)methane	ND		0.342	1	03/24/2022 19:30	WG1837050
Bis(2-chloroethyl)ether	ND		0.342	1	03/24/2022 19:30	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.342	1	03/24/2022 19:30	WG1837050
4-Bromophenyl-phenylether	ND		0.342	1	03/24/2022 19:30	WG1837050
2-Chloronaphthalene	ND		0.0342	1	03/24/2022 19:30	WG1837050
4-Chlorophenyl-phenylether	ND		0.342	1	03/24/2022 19:30	WG1837050
Chrysene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Dibenz(a,h)anthracene	ND		0.0342	1	03/24/2022 19:30	WG1837050
3,3-Dichlorobenzidine	ND		0.342	1	03/24/2022 19:30	WG1837050
2,4-Dinitrotoluene	ND		0.342	1	03/24/2022 19:30	WG1837050
2,6-Dinitrotoluene	ND		0.342	1	03/24/2022 19:30	WG1837050
Fluoranthene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Fluorene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Hexachlorobenzene	ND		0.342	1	03/24/2022 19:30	WG1837050
Hexachloro-1,3-butadiene	ND		0.342	1	03/24/2022 19:30	WG1837050
Hexachlorocyclopentadiene	ND		0.342	1	03/24/2022 19:30	WG1837050
Hexachloroethane	ND		0.342	1	03/24/2022 19:30	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Isophorone	ND		0.342	1	03/24/2022 19:30	WG1837050
Naphthalene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Nitrobenzene	ND		0.342	1	03/24/2022 19:30	WG1837050
n-Nitrosodimethylamine	ND		0.342	1	03/24/2022 19:30	WG1837050
n-Nitrosodiphenylamine	ND		0.342	1	03/24/2022 19:30	WG1837050
n-Nitrosodi-n-propylamine	ND		0.342	1	03/24/2022 19:30	WG1837050
Phenanthrene	ND		0.0342	1	03/24/2022 19:30	WG1837050
Benzylbutyl phthalate	ND		0.342	1	03/24/2022 19:30	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.342	1	03/24/2022 19:30	WG1837050
Di-n-butyl phthalate	ND		0.342	1	03/24/2022 19:30	WG1837050
Diethyl phthalate	ND		0.342	1	03/24/2022 19:30	WG1837050
Dimethyl phthalate	ND		0.342	1	03/24/2022 19:30	WG1837050
Di-n-octyl phthalate	ND		0.342	1	03/24/2022 19:30	WG1837050
Pyrene	ND		0.0342	1	03/24/2022 19:30	WG1837050
1,2,4-Trichlorobenzene	ND		0.342	1	03/24/2022 19:30	WG1837050
4-Chloro-3-methylphenol	ND		0.342	1	03/24/2022 19:30	WG1837050
2-Chlorophenol	ND		0.342	1	03/24/2022 19:30	WG1837050
2,4-Dichlorophenol	ND		0.342	1	03/24/2022 19:30	WG1837050
2,4-Dimethylphenol	ND		0.342	1	03/24/2022 19:30	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.342	1	03/24/2022 19:30	WG1837050
2,4-Dinitrophenol	ND		0.342	1	03/24/2022 19:30	WG1837050
2-Methylphenol	ND		0.342	1	03/24/2022 19:30	WG1837050
3&4-Methyl Phenol	ND		0.342	1	03/24/2022 19:30	WG1837050
2-Nitrophenol	ND		0.342	1	03/24/2022 19:30	WG1837050
4-Nitrophenol	ND		0.342	1	03/24/2022 19:30	WG1837050
Pentachlorophenol	ND		0.342	1	03/24/2022 19:30	WG1837050
Pyridine	ND		0.342	1	03/24/2022 19:30	WG1837050
2,4,5-Trichlorophenol	ND		0.342	1	03/24/2022 19:30	WG1837050
2,4,6-Trichlorophenol	ND		0.342	1	03/24/2022 19:30	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		0.342	1	03/24/2022 19:30	WG1837050
(S) 2-Fluorophenol	*69.0*		*12.0-120*		*03/24/2022 19:30*	WG1837050
(S) Phenol-d5	*62.5*		*10.0-120*		*03/24/2022 19:30*	WG1837050
(S) Nitrobenzene-d5	*58.2*		*10.0-122*		*03/24/2022 19:30*	WG1837050
(S) 2-Fluorobiphenyl	*67.5*		*15.0-120*		*03/24/2022 19:30*	WG1837050
(S) 2,4,6-Tribromophenol	*81.1*		*10.0-127*		*03/24/2022 19:30*	WG1837050
(S) p-Terphenyl-d14	*71.5*		*10.0-120*		*03/24/2022 19:30*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.0		1	03/21/2022 13:16	WG1835577

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0412	1	03/25/2022 10:33	WG1835778

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.06	1	03/24/2022 18:07	WG1835703
Arsenic	ND		2.06	1	03/24/2022 18:07	WG1835703
Barium	93.5		0.515	1	03/24/2022 18:07	WG1835703
Beryllium	0.211		0.206	1	03/24/2022 18:07	WG1835703
Cadmium	ND		0.515	1	03/24/2022 18:07	WG1835703
Chromium	7.25		1.03	1	03/24/2022 18:07	WG1835703
Cobalt	2.55		1.03	1	03/24/2022 18:07	WG1835703
Copper	7.74		2.06	1	03/24/2022 18:07	WG1835703
Lead	117		0.515	1	03/24/2022 18:07	WG1835703
Molybdenum	ND		0.515	1	03/24/2022 18:07	WG1835703
Nickel	4.54		2.06	1	03/24/2022 18:07	WG1835703
Selenium	ND		2.06	1	03/24/2022 18:07	WG1835703
Silver	ND		1.03	1	03/24/2022 18:07	WG1835703
Thallium	ND		2.06	1	03/24/2022 18:07	WG1835703
Vanadium	21.2		2.06	1	03/24/2022 18:07	WG1835703
Zinc	23.3		5.15	1	03/24/2022 18:07	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	27.8		2.74	25.8	03/21/2022 19:09	WG1835496
(S) a,a,a-Trifluorotoluene(FID)	*90.5*		*77.0-120*		*03/21/2022 19:09*	WG1835496

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	0.0622	J4	0.0532	1	03/22/2022 06:04	WG1835975
Acrylonitrile	ND		0.0133	1	03/22/2022 06:04	WG1835975
Benzene	ND		0.00106	1	03/22/2022 06:04	WG1835975
Bromobenzene	ND		0.0133	1	03/22/2022 06:04	WG1835975
Bromodichloromethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
Bromoform	ND		0.0266	1	03/22/2022 06:04	WG1835975
Bromomethane	ND		0.0133	1	03/22/2022 06:04	WG1835975
n-Butylbenzene	ND		0.0133	1	03/22/2022 06:04	WG1835975
sec-Butylbenzene	ND		0.0133	1	03/22/2022 06:04	WG1835975
tert-Butylbenzene	ND		0.00532	1	03/22/2022 06:04	WG1835975
Carbon tetrachloride	ND		0.00532	1	03/22/2022 06:04	WG1835975
Chlorobenzene	ND		0.00266	1	03/22/2022 06:04	WG1835975
Chlorodibromomethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
Chloroethane	ND		0.00532	1	03/22/2022 06:04	WG1835975
Chloroform	ND		0.00266	1	03/22/2022 06:04	WG1835975
Chloromethane	ND		0.0133	1	03/22/2022 06:04	WG1835975
2-Chlorotoluene	ND		0.00266	1	03/22/2022 06:04	WG1835975
4-Chlorotoluene	ND		0.00532	1	03/22/2022 06:04	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0266	1	03/22/2022 06:04	WG1835975
1,2-Dibromoethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
Dibromomethane	ND		0.00532	1	03/22/2022 06:04	WG1835975
1,2-Dichlorobenzene	ND		0.00532	1	03/22/2022 06:04	WG1835975
1,3-Dichlorobenzene	ND		0.00532	1	03/22/2022 06:04	WG1835975
1,4-Dichlorobenzene	ND		0.00532	1	03/22/2022 06:04	WG1835975
Dichlorodifluoromethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,1-Dichloroethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,2-Dichloroethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,1-Dichloroethene	ND		0.00266	1	03/22/2022 06:04	WG1835975
cis-1,2-Dichloroethene	ND		0.00266	1	03/22/2022 06:04	WG1835975
trans-1,2-Dichloroethene	ND		0.00532	1	03/22/2022 06:04	WG1835975
1,2-Dichloropropane	ND		0.00532	1	03/22/2022 06:04	WG1835975
1,1-Dichloropropene	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,3-Dichloropropane	ND		0.00532	1	03/22/2022 06:04	WG1835975
cis-1,3-Dichloropropene	ND		0.00266	1	03/22/2022 06:04	WG1835975
trans-1,3-Dichloropropene	ND		0.00532	1	03/22/2022 06:04	WG1835975
2,2-Dichloropropane	ND		0.00266	1	03/22/2022 06:04	WG1835975
Di-isopropyl ether	ND		0.00106	1	03/22/2022 06:04	WG1835975
Ethylbenzene	ND		0.00266	1	03/22/2022 06:04	WG1835975
Hexachloro-1,3-butadiene	ND		0.0266	1	03/22/2022 06:04	WG1835975
Isopropylbenzene	ND		0.00266	1	03/22/2022 06:04	WG1835975
p-Isopropyltoluene	0.0517		0.00532	1	03/22/2022 06:04	WG1835975
2-Butanone (MEK)	ND		0.106	1	03/22/2022 06:04	WG1835975
Methylene Chloride	ND		0.0266	1	03/22/2022 06:04	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0266	1	03/22/2022 06:04	WG1835975
Methyl tert-butyl ether	ND		0.00106	1	03/22/2022 06:04	WG1835975
Naphthalene	ND		0.0133	1	03/22/2022 06:04	WG1835975
n-Propylbenzene	ND		0.00532	1	03/22/2022 06:04	WG1835975
Styrene	ND		0.0133	1	03/22/2022 06:04	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
Tetrachloroethene	ND		0.00266	1	03/22/2022 06:04	WG1835975
Toluene	0.0138		0.00532	1	03/22/2022 06:04	WG1835975
1,2,3-Trichlorobenzene	ND		0.0133	1	03/22/2022 06:04	WG1835975
1,2,4-Trichlorobenzene	ND		0.0133	1	03/22/2022 06:04	WG1835975
1,1,1-Trichloroethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,1,2-Trichloroethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
Trichloroethene	ND		0.00106	1	03/22/2022 06:04	WG1835975
Trichlorofluoromethane	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,2,3-Trichloropropane	ND		0.0133	1	03/22/2022 06:04	WG1835975
1,2,4-Trimethylbenzene	0.386		0.00532	1	03/22/2022 06:04	WG1835975
1,2,3-Trimethylbenzene	1.13		0.00532	1	03/22/2022 06:04	WG1835975
Vinyl chloride	ND		0.00266	1	03/22/2022 06:04	WG1835975
1,3,5-Trimethylbenzene	1.10		0.00532	1	03/22/2022 06:04	WG1835975
Xylenes, Total	0.348		0.00691	1	03/22/2022 06:04	WG1835975
(S) Toluene-d8	*107*		*75.0-131*		*03/22/2022 06:04*	WG1835975
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*03/22/2022 06:04*	WG1835975
(S) 1,2-Dichloroethane-d4	*88.6*		*70.0-130*		*03/22/2022 06:04*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	1760		412	100	03/24/2022 15:22	WG1837054
C22-C32 Hydrocarbons	12800		412	100	03/24/2022 15:22	WG1837054
C32-C40 Hydrocarbons	4740		412	100	03/24/2022 15:22	WG1837054
(S) o-Terphenyl	*0.000*	J7	*18.0-148*		*03/24/2022 15:22*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.206	10	03/26/2022 19:23	WG1837075
Alpha BHC	ND		0.206	10	03/26/2022 19:23	WG1837075
Beta BHC	ND		0.206	10	03/26/2022 19:23	WG1837075
Delta BHC	ND		0.206	10	03/26/2022 19:23	WG1837075
Gamma BHC	ND		0.206	10	03/26/2022 19:23	WG1837075
Chlordane	ND		3.09	10	03/26/2022 19:23	WG1837075
4,4-DDD	ND		0.206	10	03/26/2022 19:23	WG1837075
4,4-DDE	ND		0.206	10	03/26/2022 19:23	WG1837075
4,4-DDT	ND		0.206	10	03/26/2022 19:23	WG1837075
Dieldrin	ND		0.206	10	03/26/2022 19:23	WG1837075
Endosulfan I	ND		0.206	10	03/26/2022 19:23	WG1837075
Endosulfan II	ND		0.206	10	03/26/2022 19:23	WG1837075
Endosulfan sulfate	ND		0.206	10	03/26/2022 19:23	WG1837075
Endrin	ND		0.206	10	03/26/2022 19:23	WG1837075
Endrin aldehyde	ND		0.206	10	03/26/2022 19:23	WG1837075
Endrin ketone	ND		0.206	10	03/26/2022 19:23	WG1837075
Heptachlor	ND		0.206	10	03/26/2022 19:23	WG1837075
Heptachlor epoxide	ND		0.206	10	03/26/2022 19:23	WG1837075
Hexachlorobenzene	ND		0.206	10	03/26/2022 19:23	WG1837075
Methoxychlor	ND		0.206	10	03/26/2022 19:23	WG1837075
Toxaphene	ND		4.12	10	03/26/2022 19:23	WG1837075
(S) Decachlorobiphenyl	*88.4*		*10.0-135*		*03/26/2022 19:23*	WG1837075
(S) Tetrachloro-m-xylene	*57.6*		*10.0-139*		*03/26/2022 19:23*	WG1837075

Sample Narrative:

L1473087-13 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.351	10	03/25/2022 18:07	WG1837075
PCB 1221	ND		0.351	10	03/25/2022 18:07	WG1837075
PCB 1232	ND		0.351	10	03/25/2022 18:07	WG1837075
PCB 1242	ND		0.351	10	03/25/2022 18:07	WG1837075
PCB 1248	ND		0.175	10	03/25/2022 18:07	WG1837075
PCB 1254	ND		0.175	10	03/25/2022 18:07	WG1837075
PCB 1260	ND		0.175	10	03/25/2022 18:07	WG1837075
(S) Decachlorobiphenyl	*84.5*		*10.0-135*		*03/25/2022 18:07*	WG1837075
(S) Tetrachloro-m-xylene	*64.6*		*10.0-139*		*03/25/2022 18:07*	WG1837075

Sample Narrative:

L1473087-13 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.37	40	03/24/2022 22:37	WG1837050
Acenaphthylene	ND		1.37	40	03/24/2022 22:37	WG1837050
Anthracene	ND		1.37	40	03/24/2022 22:37	WG1837050
Benzidine	ND		68.9	40	03/24/2022 22:37	WG1837050
Benzo(a)anthracene	ND		1.37	40	03/24/2022 22:37	WG1837050
Benzo(b)fluoranthene	ND		1.37	40	03/24/2022 22:37	WG1837050
Benzo(k)fluoranthene	ND		1.37	40	03/24/2022 22:37	WG1837050
Benzo(g,h,i)perylene	ND		1.37	40	03/24/2022 22:37	WG1837050
Benzo(a)pyrene	ND		1.37	40	03/24/2022 22:37	WG1837050
Bis(2-chlorethoxy)methane	ND		13.7	40	03/24/2022 22:37	WG1837050
Bis(2-chloroethyl)ether	ND		13.7	40	03/24/2022 22:37	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		13.7	40	03/24/2022 22:37	WG1837050
4-Bromophenyl-phenylether	ND		13.7	40	03/24/2022 22:37	WG1837050
2-Chloronaphthalene	ND		1.37	40	03/24/2022 22:37	WG1837050
4-Chlorophenyl-phenylether	ND		13.7	40	03/24/2022 22:37	WG1837050
Chrysene	ND		1.37	40	03/24/2022 22:37	WG1837050
Dibenz(a,h)anthracene	ND		1.37	40	03/24/2022 22:37	WG1837050
3,3-Dichlorobenzidine	ND		13.7	40	03/24/2022 22:37	WG1837050
2,4-Dinitrotoluene	ND		13.7	40	03/24/2022 22:37	WG1837050
2,6-Dinitrotoluene	ND		13.7	40	03/24/2022 22:37	WG1837050
Fluoranthene	ND		1.37	40	03/24/2022 22:37	WG1837050
Fluorene	ND		1.37	40	03/24/2022 22:37	WG1837050
Hexachlorobenzene	ND		13.7	40	03/24/2022 22:37	WG1837050
Hexachloro-1,3-butadiene	ND		13.7	40	03/24/2022 22:37	WG1837050
Hexachlorocyclopentadiene	ND		13.7	40	03/24/2022 22:37	WG1837050
Hexachloroethane	ND		13.7	40	03/24/2022 22:37	WG1837050
Indeno(1,2,3-cd)pyrene	ND		1.37	40	03/24/2022 22:37	WG1837050
Isophorone	ND		13.7	40	03/24/2022 22:37	WG1837050
Naphthalene	ND		1.37	40	03/24/2022 22:37	WG1837050
Nitrobenzene	ND		13.7	40	03/24/2022 22:37	WG1837050
n-Nitrosodimethylamine	ND		13.7	40	03/24/2022 22:37	WG1837050
n-Nitrosodiphenylamine	ND		13.7	40	03/24/2022 22:37	WG1837050
n-Nitrosodi-n-propylamine	ND		13.7	40	03/24/2022 22:37	WG1837050
Phenanthrene	ND		1.37	40	03/24/2022 22:37	WG1837050
Benzylbutyl phthalate	ND		13.7	40	03/24/2022 22:37	WG1837050
Bis(2-ethylhexyl)phthalate	ND		13.7	40	03/24/2022 22:37	WG1837050
Di-n-butyl phthalate	ND		13.7	40	03/24/2022 22:37	WG1837050
Diethyl phthalate	ND		13.7	40	03/24/2022 22:37	WG1837050
Dimethyl phthalate	ND		13.7	40	03/24/2022 22:37	WG1837050
Di-n-octyl phthalate	ND		13.7	40	03/24/2022 22:37	WG1837050
Pyrene	ND		1.37	40	03/24/2022 22:37	WG1837050
1,2,4-Trichlorobenzene	ND		13.7	40	03/24/2022 22:37	WG1837050
4-Chloro-3-methylphenol	ND		13.7	40	03/24/2022 22:37	WG1837050
2-Chlorophenol	ND		13.7	40	03/24/2022 22:37	WG1837050
2,4-Dichlorophenol	ND		13.7	40	03/24/2022 22:37	WG1837050
2,4-Dimethylphenol	ND		13.7	40	03/24/2022 22:37	WG1837050
4,6-Dinitro-2-methylphenol	ND		13.7	40	03/24/2022 22:37	WG1837050
2,4-Dinitrophenol	ND		13.7	40	03/24/2022 22:37	WG1837050
2-Methylphenol	ND		13.7	40	03/24/2022 22:37	WG1837050
3&4-Methyl Phenol	ND		13.7	40	03/24/2022 22:37	WG1837050
2-Nitrophenol	ND		13.7	40	03/24/2022 22:37	WG1837050
4-Nitrophenol	ND		13.7	40	03/24/2022 22:37	WG1837050
Pentachlorophenol	ND		13.7	40	03/24/2022 22:37	WG1837050
Pyridine	ND		13.7	40	03/24/2022 22:37	WG1837050
2,4,5-Trichlorophenol	ND		13.7	40	03/24/2022 22:37	WG1837050
2,4,6-Trichlorophenol	ND		13.7	40	03/24/2022 22:37	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		13.7	40	03/24/2022 22:37	WG1837050
(S) 2-Fluorophenol	*66.6*	J7	*12.0-120*		*03/24/2022 22:37*	WG1837050
(S) Phenol-d5	*62.5*	J7	*10.0-120*		*03/24/2022 22:37*	WG1837050
(S) Nitrobenzene-d5	*79.2*	J7	*10.0-122*		*03/24/2022 22:37*	WG1837050
(S) 2-Fluorobiphenyl	*72.8*	J7	*15.0-120*		*03/24/2022 22:37*	WG1837050
(S) 2,4,6-Tribromophenol	*78.3*	J7	*10.0-127*		*03/24/2022 22:37*	WG1837050
(S) p-Terphenyl-d14	*72.8*	J7	*10.0-120*		*03/24/2022 22:37*	WG1837050

Sample Narrative:

L1473087-13 WG1837050: Dilution due to matrix.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.8		1	03/21/2022 13:16	WG1835577

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0409	1	03/25/2022 10:35	WG1835778

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND	J6	2.04	1	03/24/2022 17:01	WG1835703
Arsenic	ND		2.04	1	03/24/2022 17:01	WG1835703
Barium	43.6		0.511	1	03/24/2022 17:01	WG1835703
Beryllium	0.237		0.204	1	03/24/2022 17:01	WG1835703
Cadmium	ND		0.511	1	03/24/2022 17:01	WG1835703
Chromium	7.14		1.02	1	03/24/2022 17:01	WG1835703
Cobalt	3.18		1.02	1	03/24/2022 17:01	WG1835703
Copper	9.11		2.04	1	03/24/2022 17:01	WG1835703
Lead	4.26		0.511	1	03/24/2022 17:01	WG1835703
Molybdenum	ND		0.511	1	03/24/2022 17:01	WG1835703
Nickel	5.51		2.04	1	03/24/2022 17:01	WG1835703
Selenium	ND		2.04	1	03/24/2022 17:01	WG1835703
Silver	ND	O1	1.02	1	03/24/2022 17:01	WG1835703
Thallium	ND		2.04	1	03/24/2022 17:01	WG1835703
Vanadium	22.9		2.04	1	03/24/2022 17:01	WG1835703
Zinc	20.8		5.11	1	03/24/2022 17:01	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.61	25	03/22/2022 05:44	WG1835523
(S) a,a,a-Trifluorotoluene(FID)	*90.6*		*77.0-120*		*03/22/2022 05:44*	WG1835523

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0523	1	03/22/2022 06:24	WG1835975
Acrylonitrile	ND		0.0131	1	03/22/2022 06:24	WG1835975
Benzene	ND		0.00105	1	03/22/2022 06:24	WG1835975
Bromobenzene	ND		0.0131	1	03/22/2022 06:24	WG1835975
Bromodichloromethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
Bromoform	ND		0.0261	1	03/22/2022 06:24	WG1835975
Bromomethane	ND		0.0131	1	03/22/2022 06:24	WG1835975
n-Butylbenzene	ND		0.0131	1	03/22/2022 06:24	WG1835975
sec-Butylbenzene	ND		0.0131	1	03/22/2022 06:24	WG1835975
tert-Butylbenzene	ND		0.00523	1	03/22/2022 06:24	WG1835975
Carbon tetrachloride	ND		0.00523	1	03/22/2022 06:24	WG1835975
Chlorobenzene	ND		0.00261	1	03/22/2022 06:24	WG1835975
Chlorodibromomethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
Chloroethane	ND		0.00523	1	03/22/2022 06:24	WG1835975
Chloroform	ND		0.00261	1	03/22/2022 06:24	WG1835975
Chloromethane	ND		0.0131	1	03/22/2022 06:24	WG1835975
2-Chlorotoluene	ND		0.00261	1	03/22/2022 06:24	WG1835975
4-Chlorotoluene	ND		0.00523	1	03/22/2022 06:24	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0261	1	03/22/2022 06:24	WG1835975
1,2-Dibromoethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
Dibromomethane	ND		0.00523	1	03/22/2022 06:24	WG1835975
1,2-Dichlorobenzene	ND		0.00523	1	03/22/2022 06:24	WG1835975
1,3-Dichlorobenzene	ND		0.00523	1	03/22/2022 06:24	WG1835975
1,4-Dichlorobenzene	ND		0.00523	1	03/22/2022 06:24	WG1835975
Dichlorodifluoromethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,1-Dichloroethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,2-Dichloroethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,1-Dichloroethene	ND		0.00261	1	03/22/2022 06:24	WG1835975
cis-1,2-Dichloroethene	ND		0.00261	1	03/22/2022 06:24	WG1835975
trans-1,2-Dichloroethene	ND		0.00523	1	03/22/2022 06:24	WG1835975
1,2-Dichloropropane	ND		0.00523	1	03/22/2022 06:24	WG1835975
1,1-Dichloropropene	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,3-Dichloropropane	ND		0.00523	1	03/22/2022 06:24	WG1835975
cis-1,3-Dichloropropene	ND		0.00261	1	03/22/2022 06:24	WG1835975
trans-1,3-Dichloropropene	ND		0.00523	1	03/22/2022 06:24	WG1835975
2,2-Dichloropropane	ND		0.00261	1	03/22/2022 06:24	WG1835975
Di-isopropyl ether	ND		0.00105	1	03/22/2022 06:24	WG1835975
Ethylbenzene	ND		0.00261	1	03/22/2022 06:24	WG1835975
Hexachloro-1,3-butadiene	ND		0.0261	1	03/22/2022 06:24	WG1835975
Isopropylbenzene	ND		0.00261	1	03/22/2022 06:24	WG1835975
p-Isopropyltoluene	ND		0.00523	1	03/22/2022 06:24	WG1835975
2-Butanone (MEK)	ND		0.105	1	03/22/2022 06:24	WG1835975
Methylene Chloride	ND		0.0261	1	03/22/2022 06:24	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0261	1	03/22/2022 06:24	WG1835975
Methyl tert-butyl ether	ND		0.00105	1	03/22/2022 06:24	WG1835975
Naphthalene	ND		0.0131	1	03/22/2022 06:24	WG1835975
n-Propylbenzene	ND		0.00523	1	03/22/2022 06:24	WG1835975
Styrene	ND		0.0131	1	03/22/2022 06:24	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
Tetrachloroethene	ND		0.00261	1	03/22/2022 06:24	WG1835975
Toluene	ND		0.00523	1	03/22/2022 06:24	WG1835975
1,2,3-Trichlorobenzene	ND		0.0131	1	03/22/2022 06:24	WG1835975
1,2,4-Trichlorobenzene	ND		0.0131	1	03/22/2022 06:24	WG1835975
1,1,1-Trichloroethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,1,2-Trichloroethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
Trichloroethene	ND		0.00105	1	03/22/2022 06:24	WG1835975
Trichlorofluoromethane	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,2,3-Trichloropropane	ND		0.0131	1	03/22/2022 06:24	WG1835975
1,2,4-Trimethylbenzene	ND		0.00523	1	03/22/2022 06:24	WG1835975
1,2,3-Trimethylbenzene	0.00859		0.00523	1	03/22/2022 06:24	WG1835975
Vinyl chloride	ND		0.00261	1	03/22/2022 06:24	WG1835975
1,3,5-Trimethylbenzene	0.00679		0.00523	1	03/22/2022 06:24	WG1835975
Xylenes, Total	ND		0.00679	1	03/22/2022 06:24	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 06:24*	WG1835975
(S) 4-Bromofluorobenzene	*97.8*		*67.0-138*		*03/22/2022 06:24*	WG1835975
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*03/22/2022 06:24*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.09	1	03/24/2022 21:19	WG1837054
C22-C32 Hydrocarbons	ND		4.09	1	03/24/2022 21:19	WG1837054
C32-C40 Hydrocarbons	ND		4.09	1	03/24/2022 21:19	WG1837054
(S) o-Terphenyl	*99.7*		*18.0-148*		*03/24/2022 21:19*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.204	10	03/26/2022 18:48	WG1837075
Alpha BHC	ND		0.204	10	03/26/2022 18:48	WG1837075
Beta BHC	ND		0.204	10	03/26/2022 18:48	WG1837075
Delta BHC	ND		0.204	10	03/26/2022 18:48	WG1837075
Gamma BHC	ND		0.204	10	03/26/2022 18:48	WG1837075
Chlordane	ND		3.07	10	03/26/2022 18:48	WG1837075
4,4-DDD	ND		0.204	10	03/26/2022 18:48	WG1837075
4,4-DDE	ND		0.204	10	03/26/2022 18:48	WG1837075
4,4-DDT	ND		0.204	10	03/26/2022 18:48	WG1837075
Dieldrin	ND		0.204	10	03/26/2022 18:48	WG1837075
Endosulfan I	ND		0.204	10	03/26/2022 18:48	WG1837075
Endosulfan II	ND		0.204	10	03/26/2022 18:48	WG1837075
Endosulfan sulfate	ND		0.204	10	03/26/2022 18:48	WG1837075
Endrin	ND		0.204	10	03/26/2022 18:48	WG1837075
Endrin aldehyde	ND		0.204	10	03/26/2022 18:48	WG1837075
Endrin ketone	ND		0.204	10	03/26/2022 18:48	WG1837075
Heptachlor	ND		0.204	10	03/26/2022 18:48	WG1837075
Heptachlor epoxide	ND		0.204	10	03/26/2022 18:48	WG1837075
Hexachlorobenzene	ND		0.204	10	03/26/2022 18:48	WG1837075
Methoxychlor	ND		0.204	10	03/26/2022 18:48	WG1837075
Toxaphene	ND		4.09	10	03/26/2022 18:48	WG1837075
(S) Decachlorobiphenyl	*90.0*		*10.0-135*		*03/26/2022 18:48*	WG1837075
(S) Tetrachloro-m-xylene	*75.1*		*10.0-139*		*03/26/2022 18:48*	WG1837075

Sample Narrative:

L1473087-14 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.348	10	03/25/2022 17:33	WG1837075
PCB 1221	ND		0.348	10	03/25/2022 17:33	WG1837075
PCB 1232	ND		0.348	10	03/25/2022 17:33	WG1837075
PCB 1242	ND		0.348	10	03/25/2022 17:33	WG1837075
PCB 1248	ND		0.174	10	03/25/2022 17:33	WG1837075
PCB 1254	ND		0.174	10	03/25/2022 17:33	WG1837075
PCB 1260	ND		0.174	10	03/25/2022 17:33	WG1837075
(S) Decachlorobiphenyl	*76.8*		*10.0-135*		*03/25/2022 17:33*	WG1837075
(S) Tetrachloro-m-xylene	*84.8*		*10.0-139*		*03/25/2022 17:33*	WG1837075

Sample Narrative:

L1473087-14 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Acenaphthylene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Anthracene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Benzidine	ND		1.71	1	03/24/2022 16:23	WG1837050
Benzo(a)anthracene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Benzo(b)fluoranthene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Benzo(k)fluoranthene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Benzo(g,h,i)perylene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Benzo(a)pyrene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Bis(2-chlorethoxy)methane	ND		0.340	1	03/24/2022 16:23	WG1837050
Bis(2-chloroethyl)ether	ND		0.340	1	03/24/2022 16:23	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.340	1	03/24/2022 16:23	WG1837050
4-Bromophenyl-phenylether	ND		0.340	1	03/24/2022 16:23	WG1837050
2-Chloronaphthalene	ND		0.0340	1	03/24/2022 16:23	WG1837050
4-Chlorophenyl-phenylether	ND		0.340	1	03/24/2022 16:23	WG1837050
Chrysene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Dibenz(a,h)anthracene	ND		0.0340	1	03/24/2022 16:23	WG1837050
3,3-Dichlorobenzidine	ND		0.340	1	03/24/2022 16:23	WG1837050
2,4-Dinitrotoluene	ND		0.340	1	03/24/2022 16:23	WG1837050
2,6-Dinitrotoluene	ND		0.340	1	03/24/2022 16:23	WG1837050
Fluoranthene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Fluorene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Hexachlorobenzene	ND		0.340	1	03/24/2022 16:23	WG1837050
Hexachloro-1,3-butadiene	ND		0.340	1	03/24/2022 16:23	WG1837050
Hexachlorocyclopentadiene	ND		0.340	1	03/24/2022 16:23	WG1837050
Hexachloroethane	ND		0.340	1	03/24/2022 16:23	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Isophorone	ND		0.340	1	03/24/2022 16:23	WG1837050
Naphthalene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Nitrobenzene	ND		0.340	1	03/24/2022 16:23	WG1837050
n-Nitrosodimethylamine	ND		0.340	1	03/24/2022 16:23	WG1837050
n-Nitrosodiphenylamine	ND		0.340	1	03/24/2022 16:23	WG1837050
n-Nitrosodi-n-propylamine	ND		0.340	1	03/24/2022 16:23	WG1837050
Phenanthrene	ND		0.0340	1	03/24/2022 16:23	WG1837050
Benzylbutyl phthalate	ND		0.340	1	03/24/2022 16:23	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.340	1	03/24/2022 16:23	WG1837050
Di-n-butyl phthalate	ND		0.340	1	03/24/2022 16:23	WG1837050
Diethyl phthalate	ND		0.340	1	03/24/2022 16:23	WG1837050
Dimethyl phthalate	ND		0.340	1	03/24/2022 16:23	WG1837050
Di-n-octyl phthalate	ND		0.340	1	03/24/2022 16:23	WG1837050
Pyrene	ND		0.0340	1	03/24/2022 16:23	WG1837050
1,2,4-Trichlorobenzene	ND		0.340	1	03/24/2022 16:23	WG1837050
4-Chloro-3-methylphenol	ND		0.340	1	03/24/2022 16:23	WG1837050
2-Chlorophenol	ND		0.340	1	03/24/2022 16:23	WG1837050
2,4-Dichlorophenol	ND		0.340	1	03/24/2022 16:23	WG1837050
2,4-Dimethylphenol	ND		0.340	1	03/24/2022 16:23	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.340	1	03/24/2022 16:23	WG1837050
2,4-Dinitrophenol	ND		0.340	1	03/24/2022 16:23	WG1837050
2-Methylphenol	ND		0.340	1	03/24/2022 16:23	WG1837050
3&4-Methyl Phenol	ND		0.340	1	03/24/2022 16:23	WG1837050
2-Nitrophenol	ND		0.340	1	03/24/2022 16:23	WG1837050
4-Nitrophenol	ND		0.340	1	03/24/2022 16:23	WG1837050
Pentachlorophenol	ND		0.340	1	03/24/2022 16:23	WG1837050
Pyridine	ND		0.340	1	03/24/2022 16:23	WG1837050
2,4,5-Trichlorophenol	ND		0.340	1	03/24/2022 16:23	WG1837050
2,4,6-Trichlorophenol	ND		0.340	1	03/24/2022 16:23	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		0.340	1	03/24/2022 16:23	WG1837050
(S) 2-Fluorophenol	*69.0*		*12.0-120*		*03/24/2022 16:23*	WG1837050
(S) Phenol-d5	*63.0*		*10.0-120*		*03/24/2022 16:23*	WG1837050
(S) Nitrobenzene-d5	*59.5*		*10.0-122*		*03/24/2022 16:23*	WG1837050
(S) 2-Fluorobiphenyl	*66.9*		*15.0-120*		*03/24/2022 16:23*	WG1837050
(S) 2,4,6-Tribromophenol	*77.3*		*10.0-127*		*03/24/2022 16:23*	WG1837050
(S) p-Terphenyl-d14	*73.0*		*10.0-120*		*03/24/2022 16:23*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	03/21/2022 13:16	WG1835577

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0404	1	03/25/2022 10:38	WG1835778

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.02	1	03/24/2022 18:10	WG1835703
Arsenic	2.12		2.02	1	03/24/2022 18:10	WG1835703
Barium	51.9		0.505	1	03/24/2022 18:10	WG1835703
Beryllium	0.207		0.202	1	03/24/2022 18:10	WG1835703
Cadmium	ND		0.505	1	03/24/2022 18:10	WG1835703
Chromium	7.01		1.01	1	03/24/2022 18:10	WG1835703
Cobalt	2.98		1.01	1	03/24/2022 18:10	WG1835703
Copper	6.70		2.02	1	03/24/2022 18:10	WG1835703
Lead	3.55		0.505	1	03/24/2022 18:10	WG1835703
Molybdenum	ND		0.505	1	03/24/2022 18:10	WG1835703
Nickel	4.25		2.02	1	03/24/2022 18:10	WG1835703
Selenium	ND		2.02	1	03/24/2022 18:10	WG1835703
Silver	ND		1.01	1	03/24/2022 18:10	WG1835703
Thallium	ND		2.02	1	03/24/2022 18:10	WG1835703
Vanadium	28.7		2.02	1	03/24/2022 18:10	WG1835703
Zinc	25.0		5.05	1	03/24/2022 18:10	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.55	25	03/22/2022 06:08	WG1835523
(S) a,a,a-Trifluorotoluene(FID)	*89.4*		*77.0-120*		*03/22/2022 06:08*	WG1835523

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0510	1	03/22/2022 06:42	WG1835975
Acrylonitrile	ND		0.0127	1	03/22/2022 06:42	WG1835975
Benzene	ND		0.00102	1	03/22/2022 06:42	WG1835975
Bromobenzene	ND		0.0127	1	03/22/2022 06:42	WG1835975
Bromodichloromethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
Bromoform	ND		0.0255	1	03/22/2022 06:42	WG1835975
Bromomethane	ND		0.0127	1	03/22/2022 06:42	WG1835975
n-Butylbenzene	ND		0.0127	1	03/22/2022 06:42	WG1835975
sec-Butylbenzene	ND		0.0127	1	03/22/2022 06:42	WG1835975
tert-Butylbenzene	ND		0.00510	1	03/22/2022 06:42	WG1835975
Carbon tetrachloride	ND		0.00510	1	03/22/2022 06:42	WG1835975
Chlorobenzene	ND		0.00255	1	03/22/2022 06:42	WG1835975
Chlorodibromomethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
Chloroethane	ND		0.00510	1	03/22/2022 06:42	WG1835975
Chloroform	ND		0.00255	1	03/22/2022 06:42	WG1835975
Chloromethane	ND		0.0127	1	03/22/2022 06:42	WG1835975
2-Chlorotoluene	ND		0.00255	1	03/22/2022 06:42	WG1835975
4-Chlorotoluene	ND		0.00510	1	03/22/2022 06:42	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0255	1	03/22/2022 06:42	WG1835975
1,2-Dibromoethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
Dibromomethane	ND		0.00510	1	03/22/2022 06:42	WG1835975
1,2-Dichlorobenzene	ND		0.00510	1	03/22/2022 06:42	WG1835975
1,3-Dichlorobenzene	ND		0.00510	1	03/22/2022 06:42	WG1835975
1,4-Dichlorobenzene	ND		0.00510	1	03/22/2022 06:42	WG1835975
Dichlorodifluoromethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,1-Dichloroethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,2-Dichloroethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,1-Dichloroethene	ND		0.00255	1	03/22/2022 06:42	WG1835975
cis-1,2-Dichloroethene	ND		0.00255	1	03/22/2022 06:42	WG1835975
trans-1,2-Dichloroethene	ND		0.00510	1	03/22/2022 06:42	WG1835975
1,2-Dichloropropane	ND		0.00510	1	03/22/2022 06:42	WG1835975
1,1-Dichloropropene	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,3-Dichloropropane	ND		0.00510	1	03/22/2022 06:42	WG1835975
cis-1,3-Dichloropropene	ND		0.00255	1	03/22/2022 06:42	WG1835975
trans-1,3-Dichloropropene	ND		0.00510	1	03/22/2022 06:42	WG1835975
2,2-Dichloropropane	ND		0.00255	1	03/22/2022 06:42	WG1835975
Di-isopropyl ether	ND		0.00102	1	03/22/2022 06:42	WG1835975
Ethylbenzene	ND		0.00255	1	03/22/2022 06:42	WG1835975
Hexachloro-1,3-butadiene	ND		0.0255	1	03/22/2022 06:42	WG1835975
Isopropylbenzene	ND		0.00255	1	03/22/2022 06:42	WG1835975
p-Isopropyltoluene	ND		0.00510	1	03/22/2022 06:42	WG1835975
2-Butanone (MEK)	ND		0.102	1	03/22/2022 06:42	WG1835975
Methylene Chloride	ND		0.0255	1	03/22/2022 06:42	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0255	1	03/22/2022 06:42	WG1835975
Methyl tert-butyl ether	ND		0.00102	1	03/22/2022 06:42	WG1835975
Naphthalene	ND		0.0127	1	03/22/2022 06:42	WG1835975
n-Propylbenzene	ND		0.00510	1	03/22/2022 06:42	WG1835975
Styrene	ND		0.0127	1	03/22/2022 06:42	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
Tetrachloroethene	ND		0.00255	1	03/22/2022 06:42	WG1835975
Toluene	ND		0.00510	1	03/22/2022 06:42	WG1835975
1,2,3-Trichlorobenzene	ND		0.0127	1	03/22/2022 06:42	WG1835975
1,2,4-Trichlorobenzene	ND		0.0127	1	03/22/2022 06:42	WG1835975
1,1,1-Trichloroethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,1,2-Trichloroethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
Trichloroethene	ND		0.00102	1	03/22/2022 06:42	WG1835975
Trichlorofluoromethane	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,2,3-Trichloropropane	ND		0.0127	1	03/22/2022 06:42	WG1835975
1,2,4-Trimethylbenzene	ND		0.00510	1	03/22/2022 06:42	WG1835975
1,2,3-Trimethylbenzene	ND		0.00510	1	03/22/2022 06:42	WG1835975
Vinyl chloride	ND		0.00255	1	03/22/2022 06:42	WG1835975
1,3,5-Trimethylbenzene	ND		0.00510	1	03/22/2022 06:42	WG1835975
Xylenes, Total	ND		0.00663	1	03/22/2022 06:42	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 06:42*	WG1835975
(S) 4-Bromofluorobenzene	*97.6*		*67.0-138*		*03/22/2022 06:42*	WG1835975
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*03/22/2022 06:42*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	ND		4.04	1	03/24/2022 17:04	WG1837054
C22-C32 Hydrocarbons	ND		4.04	1	03/24/2022 17:04	WG1837054
C32-C40 Hydrocarbons	ND		4.04	1	03/24/2022 17:04	WG1837054
(S) o-Terphenyl	*93.3*		*18.0-148*		*03/24/2022 17:04*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.202	10	03/26/2022 18:57	WG1837075
Alpha BHC	ND		0.202	10	03/26/2022 18:57	WG1837075
Beta BHC	ND		0.202	10	03/26/2022 18:57	WG1837075
Delta BHC	ND		0.202	10	03/26/2022 18:57	WG1837075
Gamma BHC	ND		0.202	10	03/26/2022 18:57	WG1837075
Chlordane	ND		3.03	10	03/26/2022 18:57	WG1837075
4,4-DDD	ND		0.202	10	03/26/2022 18:57	WG1837075
4,4-DDE	ND		0.202	10	03/26/2022 18:57	WG1837075
4,4-DDT	ND		0.202	10	03/26/2022 18:57	WG1837075
Dieldrin	ND		0.202	10	03/26/2022 18:57	WG1837075
Endosulfan I	ND		0.202	10	03/26/2022 18:57	WG1837075
Endosulfan II	ND		0.202	10	03/26/2022 18:57	WG1837075
Endosulfan sulfate	ND		0.202	10	03/26/2022 18:57	WG1837075
Endrin	ND		0.202	10	03/26/2022 18:57	WG1837075
Endrin aldehyde	ND		0.202	10	03/26/2022 18:57	WG1837075
Endrin ketone	ND		0.202	10	03/26/2022 18:57	WG1837075
Heptachlor	ND		0.202	10	03/26/2022 18:57	WG1837075
Heptachlor epoxide	ND		0.202	10	03/26/2022 18:57	WG1837075
Hexachlorobenzene	ND		0.202	10	03/26/2022 18:57	WG1837075
Methoxychlor	ND		0.202	10	03/26/2022 18:57	WG1837075
Toxaphene	ND		4.04	10	03/26/2022 18:57	WG1837075
(S) Decachlorobiphenyl	*84.4*		*10.0-135*		*03/26/2022 18:57*	WG1837075
(S) Tetrachloro-m-xylene	*65.8*		*10.0-139*		*03/26/2022 18:57*	WG1837075

Sample Narrative:

L1473087-15 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.343	10	03/25/2022 17:41	WG1837075
PCB 1221	ND		0.343	10	03/25/2022 17:41	WG1837075
PCB 1232	ND		0.343	10	03/25/2022 17:41	WG1837075
PCB 1242	ND		0.343	10	03/25/2022 17:41	WG1837075
PCB 1248	ND		0.172	10	03/25/2022 17:41	WG1837075
PCB 1254	ND		0.172	10	03/25/2022 17:41	WG1837075
PCB 1260	ND		0.172	10	03/25/2022 17:41	WG1837075
(S) Decachlorobiphenyl	*67.7*		*10.0-135*		*03/25/2022 17:41*	WG1837075
(S) Tetrachloro-m-xylene	*73.4*		*10.0-139*		*03/25/2022 17:41*	WG1837075

Sample Narrative:

L1473087-15 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Acenaphthylene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Anthracene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Benzidine	ND		1.69	1	03/24/2022 18:49	WG1837050
Benzo(a)anthracene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Benzo(b)fluoranthene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Benzo(k)fluoranthene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Benzo(g,h,i)perylene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Benzo(a)pyrene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Bis(2-chlorethoxy)methane	ND		0.336	1	03/24/2022 18:49	WG1837050
Bis(2-chloroethyl)ether	ND		0.336	1	03/24/2022 18:49	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.336	1	03/24/2022 18:49	WG1837050
4-Bromophenyl-phenylether	ND		0.336	1	03/24/2022 18:49	WG1837050
2-Chloronaphthalene	ND		0.0336	1	03/24/2022 18:49	WG1837050
4-Chlorophenyl-phenylether	ND		0.336	1	03/24/2022 18:49	WG1837050
Chrysene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Dibenz(a,h)anthracene	ND		0.0336	1	03/24/2022 18:49	WG1837050
3,3-Dichlorobenzidine	ND		0.336	1	03/24/2022 18:49	WG1837050
2,4-Dinitrotoluene	ND		0.336	1	03/24/2022 18:49	WG1837050
2,6-Dinitrotoluene	ND		0.336	1	03/24/2022 18:49	WG1837050
Fluoranthene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Fluorene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Hexachlorobenzene	ND		0.336	1	03/24/2022 18:49	WG1837050
Hexachloro-1,3-butadiene	ND		0.336	1	03/24/2022 18:49	WG1837050
Hexachlorocyclopentadiene	ND		0.336	1	03/24/2022 18:49	WG1837050
Hexachloroethane	ND		0.336	1	03/24/2022 18:49	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Isophorone	ND		0.336	1	03/24/2022 18:49	WG1837050
Naphthalene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Nitrobenzene	ND		0.336	1	03/24/2022 18:49	WG1837050
n-Nitrosodimethylamine	ND		0.336	1	03/24/2022 18:49	WG1837050
n-Nitrosodiphenylamine	ND		0.336	1	03/24/2022 18:49	WG1837050
n-Nitrosodi-n-propylamine	ND		0.336	1	03/24/2022 18:49	WG1837050
Phenanthrene	ND		0.0336	1	03/24/2022 18:49	WG1837050
Benzylbutyl phthalate	ND		0.336	1	03/24/2022 18:49	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.336	1	03/24/2022 18:49	WG1837050
Di-n-butyl phthalate	ND		0.336	1	03/24/2022 18:49	WG1837050
Diethyl phthalate	ND		0.336	1	03/24/2022 18:49	WG1837050
Dimethyl phthalate	ND		0.336	1	03/24/2022 18:49	WG1837050
Di-n-octyl phthalate	ND		0.336	1	03/24/2022 18:49	WG1837050
Pyrene	ND		0.0336	1	03/24/2022 18:49	WG1837050
1,2,4-Trichlorobenzene	ND		0.336	1	03/24/2022 18:49	WG1837050
4-Chloro-3-methylphenol	ND		0.336	1	03/24/2022 18:49	WG1837050
2-Chlorophenol	ND		0.336	1	03/24/2022 18:49	WG1837050
2,4-Dichlorophenol	ND		0.336	1	03/24/2022 18:49	WG1837050
2,4-Dimethylphenol	ND		0.336	1	03/24/2022 18:49	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.336	1	03/24/2022 18:49	WG1837050
2,4-Dinitrophenol	ND		0.336	1	03/24/2022 18:49	WG1837050
2-Methylphenol	ND		0.336	1	03/24/2022 18:49	WG1837050
3&4-Methyl Phenol	ND		0.336	1	03/24/2022 18:49	WG1837050
2-Nitrophenol	ND		0.336	1	03/24/2022 18:49	WG1837050
4-Nitrophenol	ND		0.336	1	03/24/2022 18:49	WG1837050
Pentachlorophenol	ND		0.336	1	03/24/2022 18:49	WG1837050
Pyridine	ND		0.336	1	03/24/2022 18:49	WG1837050
2,4,5-Trichlorophenol	ND		0.336	1	03/24/2022 18:49	WG1837050
2,4,6-Trichlorophenol	ND		0.336	1	03/24/2022 18:49	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		0.336	1	03/24/2022 18:49	WG1837050
(S) 2-Fluorophenol	*61.9*		*12.0-120*		*03/24/2022 18:49*	WG1837050
(S) Phenol-d5	*56.4*		*10.0-120*		*03/24/2022 18:49*	WG1837050
(S) Nitrobenzene-d5	*54.4*		*10.0-122*		*03/24/2022 18:49*	WG1837050
(S) 2-Fluorobiphenyl	*60.8*		*15.0-120*		*03/24/2022 18:49*	WG1837050
(S) 2,4,6-Tribromophenol	*68.1*		*10.0-127*		*03/24/2022 18:49*	WG1837050
(S) p-Terphenyl-d14	*68.7*		*10.0-120*		*03/24/2022 18:49*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.2		1	03/21/2022 13:16	WG1835577

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0411	1	03/25/2022 10:40	WG1835778

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.06	1	03/24/2022 18:12	WG1835703
Arsenic	ND		2.06	1	03/24/2022 18:12	WG1835703
Barium	14.3		0.514	1	03/24/2022 18:12	WG1835703
Beryllium	ND		0.206	1	03/24/2022 18:12	WG1835703
Cadmium	ND		0.514	1	03/24/2022 18:12	WG1835703
Chromium	1.99		1.03	1	03/24/2022 18:12	WG1835703
Cobalt	ND		1.03	1	03/24/2022 18:12	WG1835703
Copper	2.06		2.06	1	03/24/2022 18:12	WG1835703
Lead	1.52		0.514	1	03/24/2022 18:12	WG1835703
Molybdenum	ND		0.514	1	03/24/2022 18:12	WG1835703
Nickel	ND		2.06	1	03/24/2022 18:12	WG1835703
Selenium	ND		2.06	1	03/24/2022 18:12	WG1835703
Silver	ND		1.03	1	03/24/2022 18:12	WG1835703
Thallium	ND		2.06	1	03/24/2022 18:12	WG1835703
Vanadium	7.84		2.06	1	03/24/2022 18:12	WG1835703
Zinc	8.68		5.14	1	03/24/2022 18:12	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		2.64	25	03/22/2022 06:31	WG1835523
(S) a,a,a-Trifluorotoluene(FID)	*90.2*		*77.0-120*		*03/22/2022 06:31*	WG1835523

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.0544	1.03	03/22/2022 07:01	WG1835975
Acrylonitrile	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
Benzene	ND		0.00109	1.03	03/22/2022 07:01	WG1835975
Bromobenzene	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
Bromodichloromethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Bromoform	ND		0.0273	1.03	03/22/2022 07:01	WG1835975
Bromomethane	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
n-Butylbenzene	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
sec-Butylbenzene	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
tert-Butylbenzene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
Carbon tetrachloride	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
Chlorobenzene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Chlorodibromomethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Chloroethane	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
Chloroform	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Chloromethane	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
2-Chlorotoluene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
4-Chlorotoluene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.0273	1.03	03/22/2022 07:01	WG1835975
1,2-Dibromoethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Dibromomethane	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
1,2-Dichlorobenzene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
1,3-Dichlorobenzene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
1,4-Dichlorobenzene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
Dichlorodifluoromethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,1-Dichloroethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,2-Dichloroethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,1-Dichloroethene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
cis-1,2-Dichloroethene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
trans-1,2-Dichloroethene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
1,2-Dichloropropane	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
1,1-Dichloropropene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,3-Dichloropropane	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
cis-1,3-Dichloropropene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
trans-1,3-Dichloropropene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
2,2-Dichloropropane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Di-isopropyl ether	ND		0.00109	1.03	03/22/2022 07:01	WG1835975
Ethylbenzene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Hexachloro-1,3-butadiene	ND		0.0273	1.03	03/22/2022 07:01	WG1835975
Isopropylbenzene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
p-Isopropyltoluene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
2-Butanone (MEK)	ND		0.109	1.03	03/22/2022 07:01	WG1835975
Methylene Chloride	ND		0.0273	1.03	03/22/2022 07:01	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.0273	1.03	03/22/2022 07:01	WG1835975
Methyl tert-butyl ether	ND		0.00109	1.03	03/22/2022 07:01	WG1835975
Naphthalene	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
n-Propylbenzene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
Styrene	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Tetrachloroethene	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Toluene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
1,2,3-Trichlorobenzene	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
1,2,4-Trichlorobenzene	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
1,1,1-Trichloroethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,1,2-Trichloroethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
Trichloroethene	ND		0.00109	1.03	03/22/2022 07:01	WG1835975
Trichlorofluoromethane	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,2,3-Trichloropropane	ND		0.0136	1.03	03/22/2022 07:01	WG1835975
1,2,4-Trimethylbenzene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
1,2,3-Trimethylbenzene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
Vinyl chloride	ND		0.00273	1.03	03/22/2022 07:01	WG1835975
1,3,5-Trimethylbenzene	ND		0.00544	1.03	03/22/2022 07:01	WG1835975
Xylenes, Total	ND		0.00708	1.03	03/22/2022 07:01	WG1835975
(S) Toluene-d8	*106*		*75.0-131*		*03/22/2022 07:01*	WG1835975
(S) 4-Bromofluorobenzene	*97.4*		*67.0-138*		*03/22/2022 07:01*	WG1835975
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*03/22/2022 07:01*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	7.20		4.11	1	03/24/2022 18:13	WG1837054
C22-C32 Hydrocarbons	83.3		4.11	1	03/24/2022 18:13	WG1837054
C32-C40 Hydrocarbons	44.5		4.11	1	03/24/2022 18:13	WG1837054
(S) o-Terphenyl	*66.5*		*18.0-148*		*03/24/2022 18:13*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		0.206	10	03/26/2022 19:06	WG1837075
Alpha BHC	ND		0.206	10	03/26/2022 19:06	WG1837075
Beta BHC	ND		0.206	10	03/26/2022 19:06	WG1837075
Delta BHC	ND		0.206	10	03/26/2022 19:06	WG1837075
Gamma BHC	ND		0.206	10	03/26/2022 19:06	WG1837075
Chlordane	ND		3.09	10	03/26/2022 19:06	WG1837075
4,4-DDD	ND		0.206	10	03/26/2022 19:06	WG1837075
4,4-DDE	ND		0.206	10	03/26/2022 19:06	WG1837075
4,4-DDT	ND		0.206	10	03/26/2022 19:06	WG1837075
Dieldrin	ND		0.206	10	03/26/2022 19:06	WG1837075
Endosulfan I	ND		0.206	10	03/26/2022 19:06	WG1837075
Endosulfan II	ND		0.206	10	03/26/2022 19:06	WG1837075
Endosulfan sulfate	ND		0.206	10	03/26/2022 19:06	WG1837075
Endrin	ND		0.206	10	03/26/2022 19:06	WG1837075
Endrin aldehyde	ND		0.206	10	03/26/2022 19:06	WG1837075
Endrin ketone	ND		0.206	10	03/26/2022 19:06	WG1837075
Heptachlor	ND		0.206	10	03/26/2022 19:06	WG1837075
Heptachlor epoxide	ND		0.206	10	03/26/2022 19:06	WG1837075
Hexachlorobenzene	ND		0.206	10	03/26/2022 19:06	WG1837075
Methoxychlor	ND		0.206	10	03/26/2022 19:06	WG1837075
Toxaphene	ND		4.11	10	03/26/2022 19:06	WG1837075
(S) Decachlorobiphenyl	*79.3*		*10.0-135*		*03/26/2022 19:06*	WG1837075
(S) Tetrachloro-m-xylene	*63.4*		*10.0-139*		*03/26/2022 19:06*	WG1837075

Sample Narrative:

L1473087-16 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.350	10	03/25/2022 17:50	WG1837075
PCB 1221	ND		0.350	10	03/25/2022 17:50	WG1837075
PCB 1232	ND		0.350	10	03/25/2022 17:50	WG1837075
PCB 1242	ND		0.350	10	03/25/2022 17:50	WG1837075
PCB 1248	ND		0.175	10	03/25/2022 17:50	WG1837075
PCB 1254	ND		0.175	10	03/25/2022 17:50	WG1837075
PCB 1260	ND		0.175	10	03/25/2022 17:50	WG1837075
(S) Decachlorobiphenyl	*66.0*		*10.0-135*		*03/25/2022 17:50*	WG1837075
(S) Tetrachloro-m-xylene	*71.8*		*10.0-139*		*03/25/2022 17:50*	WG1837075

Sample Narrative:

L1473087-16 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Acenaphthylene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Anthracene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Benzidine	ND		1.72	1	03/24/2022 18:28	WG1837050
Benzo(a)anthracene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Benzo(b)fluoranthene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Benzo(k)fluoranthene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Benzo(g,h,i)perylene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Benzo(a)pyrene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Bis(2-chlorethoxy)methane	ND		0.342	1	03/24/2022 18:28	WG1837050
Bis(2-chloroethyl)ether	ND		0.342	1	03/24/2022 18:28	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		0.342	1	03/24/2022 18:28	WG1837050
4-Bromophenyl-phenylether	ND		0.342	1	03/24/2022 18:28	WG1837050
2-Chloronaphthalene	ND		0.0342	1	03/24/2022 18:28	WG1837050
4-Chlorophenyl-phenylether	ND		0.342	1	03/24/2022 18:28	WG1837050
Chrysene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Dibenz(a,h)anthracene	ND		0.0342	1	03/24/2022 18:28	WG1837050
3,3-Dichlorobenzidine	ND		0.342	1	03/24/2022 18:28	WG1837050
2,4-Dinitrotoluene	ND		0.342	1	03/24/2022 18:28	WG1837050
2,6-Dinitrotoluene	ND		0.342	1	03/24/2022 18:28	WG1837050
Fluoranthene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Fluorene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Hexachlorobenzene	ND		0.342	1	03/24/2022 18:28	WG1837050
Hexachloro-1,3-butadiene	ND		0.342	1	03/24/2022 18:28	WG1837050
Hexachlorocyclopentadiene	ND		0.342	1	03/24/2022 18:28	WG1837050
Hexachloroethane	ND		0.342	1	03/24/2022 18:28	WG1837050
Indeno(1,2,3-cd)pyrene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Isophorone	ND		0.342	1	03/24/2022 18:28	WG1837050
Naphthalene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Nitrobenzene	ND		0.342	1	03/24/2022 18:28	WG1837050
n-Nitrosodimethylamine	ND		0.342	1	03/24/2022 18:28	WG1837050
n-Nitrosodiphenylamine	ND		0.342	1	03/24/2022 18:28	WG1837050
n-Nitrosodi-n-propylamine	ND		0.342	1	03/24/2022 18:28	WG1837050
Phenanthrene	ND		0.0342	1	03/24/2022 18:28	WG1837050
Benzylbutyl phthalate	ND		0.342	1	03/24/2022 18:28	WG1837050
Bis(2-ethylhexyl)phthalate	ND		0.342	1	03/24/2022 18:28	WG1837050
Di-n-butyl phthalate	ND		0.342	1	03/24/2022 18:28	WG1837050
Diethyl phthalate	ND		0.342	1	03/24/2022 18:28	WG1837050
Dimethyl phthalate	ND		0.342	1	03/24/2022 18:28	WG1837050
Di-n-octyl phthalate	ND		0.342	1	03/24/2022 18:28	WG1837050
Pyrene	ND		0.0342	1	03/24/2022 18:28	WG1837050
1,2,4-Trichlorobenzene	ND		0.342	1	03/24/2022 18:28	WG1837050
4-Chloro-3-methylphenol	ND		0.342	1	03/24/2022 18:28	WG1837050
2-Chlorophenol	ND		0.342	1	03/24/2022 18:28	WG1837050
2,4-Dichlorophenol	ND		0.342	1	03/24/2022 18:28	WG1837050
2,4-Dimethylphenol	ND		0.342	1	03/24/2022 18:28	WG1837050
4,6-Dinitro-2-methylphenol	ND		0.342	1	03/24/2022 18:28	WG1837050
2,4-Dinitrophenol	ND		0.342	1	03/24/2022 18:28	WG1837050
2-Methylphenol	ND		0.342	1	03/24/2022 18:28	WG1837050
3&4-Methyl Phenol	ND		0.342	1	03/24/2022 18:28	WG1837050
2-Nitrophenol	ND		0.342	1	03/24/2022 18:28	WG1837050
4-Nitrophenol	ND		0.342	1	03/24/2022 18:28	WG1837050
Pentachlorophenol	ND		0.342	1	03/24/2022 18:28	WG1837050
Pyridine	ND		0.342	1	03/24/2022 18:28	WG1837050
2,4,5-Trichlorophenol	ND		0.342	1	03/24/2022 18:28	WG1837050
2,4,6-Trichlorophenol	ND		0.342	1	03/24/2022 18:28	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		0.342	1	03/24/2022 18:28	WG1837050
(S) 2-Fluorophenol	*68.3*		*12.0-120*		*03/24/2022 18:28*	WG1837050
(S) Phenol-d5	*61.0*		*10.0-120*		*03/24/2022 18:28*	WG1837050
(S) Nitrobenzene-d5	*59.1*		*10.0-122*		*03/24/2022 18:28*	WG1837050
(S) 2-Fluorobiphenyl	*65.5*		*15.0-120*		*03/24/2022 18:28*	WG1837050
(S) 2,4,6-Tribromophenol	*79.9*		*10.0-127*		*03/24/2022 18:28*	WG1837050
(S) p-Terphenyl-d14	*68.9*		*10.0-120*		*03/24/2022 18:28*	WG1837050

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.6		1	03/21/2022 13:16	WG1835577

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0423	1	03/25/2022 10:43	WG1835778

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Antimony	ND		2.11	1	03/24/2022 18:15	WG1835703
Arsenic	ND		2.11	1	03/24/2022 18:15	WG1835703
Barium	24.8		0.528	1	03/24/2022 18:15	WG1835703
Beryllium	ND		0.211	1	03/24/2022 18:15	WG1835703
Cadmium	ND		0.528	1	03/24/2022 18:15	WG1835703
Chromium	2.08		1.06	1	03/24/2022 18:15	WG1835703
Cobalt	ND		1.06	1	03/24/2022 18:15	WG1835703
Copper	21.1		2.11	1	03/24/2022 18:15	WG1835703
Lead	1.85		0.528	1	03/24/2022 18:15	WG1835703
Molybdenum	2.52		0.528	1	03/24/2022 18:15	WG1835703
Nickel	11.4		2.11	1	03/24/2022 18:15	WG1835703
Selenium	2.36		2.11	1	03/24/2022 18:15	WG1835703
Silver	ND		1.06	1	03/24/2022 18:15	WG1835703
Thallium	ND		2.11	1	03/24/2022 18:15	WG1835703
Vanadium	4.37		2.11	1	03/24/2022 18:15	WG1835703
Zinc	114		5.28	1	03/24/2022 18:15	WG1835703

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPHG C5 - C12	ND		18.7	176	03/22/2022 06:54	WG1835523
(S) a,a,a-Trifluorotoluene(FID)	*89.6*		*77.0-120*		*03/22/2022 06:54*	WG1835523

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	J4	0.206	3.83	03/22/2022 07:20	WG1835975
Acrylonitrile	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
Benzene	0.0677		0.00410	3.83	03/22/2022 07:20	WG1835975
Bromobenzene	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
Bromodichloromethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Bromoform	ND		0.103	3.83	03/22/2022 07:20	WG1835975
Bromomethane	ND	J5	0.0513	3.83	03/22/2022 07:20	WG1835975
n-Butylbenzene	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
sec-Butylbenzene	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
tert-Butylbenzene	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
Carbon tetrachloride	ND	J5	0.0206	3.83	03/22/2022 07:20	WG1835975
Chlorobenzene	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Chlorodibromomethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Chloroethane	ND	J5	0.0206	3.83	03/22/2022 07:20	WG1835975
Chloroform	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Chloromethane	ND	J5	0.0513	3.83	03/22/2022 07:20	WG1835975
2-Chlorotoluene	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
4-Chlorotoluene	ND		0.0206	3.83	03/22/2022 07:20	WG1835975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		0.103	3.83	03/22/2022 07:20	WG1835975
1,2-Dibromoethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Dibromomethane	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
1,2-Dichlorobenzene	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
1,3-Dichlorobenzene	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
1,4-Dichlorobenzene	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
Dichlorodifluoromethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
1,1-Dichloroethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
1,2-Dichloroethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
1,1-Dichloroethene	ND	J5	0.0103	3.83	03/22/2022 07:20	WG1835975
cis-1,2-Dichloroethene	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
trans-1,2-Dichloroethene	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
1,2-Dichloropropane	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
1,1-Dichloropropene	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
1,3-Dichloropropane	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
cis-1,3-Dichloropropene	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
trans-1,3-Dichloropropene	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
2,2-Dichloropropane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Di-isopropyl ether	ND		0.00410	3.83	03/22/2022 07:20	WG1835975
Ethylbenzene	0.227		0.0103	3.83	03/22/2022 07:20	WG1835975
Hexachloro-1,3-butadiene	ND	J5	0.103	3.83	03/22/2022 07:20	WG1835975
Isopropylbenzene	0.0236		0.0103	3.83	03/22/2022 07:20	WG1835975
p-Isopropyltoluene	ND		0.0206	3.83	03/22/2022 07:20	WG1835975
2-Butanone (MEK)	ND		0.410	3.83	03/22/2022 07:20	WG1835975
Methylene Chloride	ND	J5	0.103	3.83	03/22/2022 07:20	WG1835975
4-Methyl-2-pentanone (MIBK)	ND		0.103	3.83	03/22/2022 07:20	WG1835975
Methyl tert-butyl ether	ND		0.00410	3.83	03/22/2022 07:20	WG1835975
Naphthalene	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
n-Propylbenzene	0.0941		0.0206	3.83	03/22/2022 07:20	WG1835975
Styrene	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
1,1,1,2-Tetrachloroethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
1,1,2,2-Tetrachloroethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
1,1,2-Trichlorotrifluoroethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Tetrachloroethene	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Toluene	0.221		0.0206	3.83	03/22/2022 07:20	WG1835975
1,2,3-Trichlorobenzene	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
1,2,4-Trichlorobenzene	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
1,1,1-Trichloroethane	ND	J5	0.0103	3.83	03/22/2022 07:20	WG1835975
1,1,2-Trichloroethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
Trichloroethene	ND	J5	0.00410	3.83	03/22/2022 07:20	WG1835975
Trichlorofluoromethane	ND		0.0103	3.83	03/22/2022 07:20	WG1835975
1,2,3-Trichloropropane	ND		0.0513	3.83	03/22/2022 07:20	WG1835975
1,2,4-Trimethylbenzene	0.496	J6	0.0206	3.83	03/22/2022 07:20	WG1835975
1,2,3-Trimethylbenzene	0.119		0.0206	3.83	03/22/2022 07:20	WG1835975
Vinyl chloride	ND	J5	0.0103	3.83	03/22/2022 07:20	WG1835975
1,3,5-Trimethylbenzene	0.149		0.0206	3.83	03/22/2022 07:20	WG1835975
Xylenes, Total	1.02		0.0267	3.83	03/22/2022 07:20	WG1835975
(S) Toluene-d8	*105*		*75.0-131*		*03/22/2022 07:20*	WG1835975
(S) 4-Bromofluorobenzene	*98.4*		*67.0-138*		*03/22/2022 07:20*	WG1835975
(S) 1,2-Dichloroethane-d4	*98.8*		*70.0-130*		*03/22/2022 07:20*	WG1835975

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	899		423	100	03/24/2022 15:39	WG1837054
C22-C32 Hydrocarbons	1230		423	100	03/24/2022 15:39	WG1837054
C32-C40 Hydrocarbons	1640		423	100	03/24/2022 15:39	WG1837054
(S) o-Terphenyl	*0.000*	J7	*18.0-148*		*03/24/2022 15:39*	WG1837054

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Alpha BHC	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Beta BHC	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Delta BHC	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Gamma BHC	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Chlordane	ND		29.6	93.2	03/26/2022 19:14	WG1837075
4,4-DDD	ND		1.97	93.2	03/26/2022 19:14	WG1837075
4,4-DDE	ND		1.97	93.2	03/26/2022 19:14	WG1837075
4,4-DDT	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Dieldrin	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Endosulfan I	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Endosulfan II	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Endosulfan sulfate	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Endrin	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Endrin aldehyde	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Endrin ketone	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Heptachlor	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Heptachlor epoxide	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Hexachlorobenzene	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Methoxychlor	ND		1.97	93.2	03/26/2022 19:14	WG1837075
Toxaphene	ND		39.4	93.2	03/26/2022 19:14	WG1837075
(S) Decachlorobiphenyl	*99.8*		*10.0-135*		*03/26/2022 19:14*	WG1837075
(S) Tetrachloro-m-xylene	*76.9*		*10.0-139*		*03/26/2022 19:14*	WG1837075

Sample Narrative:

L1473087-17 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		3.35	93.2	03/25/2022 17:59	WG1837075
PCB 1221	ND		3.35	93.2	03/25/2022 17:59	WG1837075
PCB 1232	ND		3.35	93.2	03/25/2022 17:59	WG1837075
PCB 1242	ND		3.35	93.2	03/25/2022 17:59	WG1837075
PCB 1248	ND		1.67	93.2	03/25/2022 17:59	WG1837075
PCB 1254	ND		1.67	93.2	03/25/2022 17:59	WG1837075
PCB 1260	ND		1.67	93.2	03/25/2022 17:59	WG1837075
(S) Decachlorobiphenyl	*84.5*		*10.0-135*		*03/25/2022 17:59*	WG1837075
(S) Tetrachloro-m-xylene	*86.1*		*10.0-139*		*03/25/2022 17:59*	WG1837075

Sample Narrative:

L1473087-17 WG1837075: Dilution due to matrix impact on instrumentation at lower dilution

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.41	40	03/24/2022 22:58	WG1837050
Acenaphthylene	ND		1.41	40	03/24/2022 22:58	WG1837050
Anthracene	ND		1.41	40	03/24/2022 22:58	WG1837050
Benzidine	ND		70.6	40	03/24/2022 22:58	WG1837050
Benzo(a)anthracene	ND		1.41	40	03/24/2022 22:58	WG1837050
Benzo(b)fluoranthene	ND		1.41	40	03/24/2022 22:58	WG1837050
Benzo(k)fluoranthene	ND		1.41	40	03/24/2022 22:58	WG1837050
Benzo(g,h,i)perylene	ND		1.41	40	03/24/2022 22:58	WG1837050
Benzo(a)pyrene	ND		1.41	40	03/24/2022 22:58	WG1837050
Bis(2-chlorethoxy)methane	ND		14.1	40	03/24/2022 22:58	WG1837050
Bis(2-chloroethyl)ether	ND		14.1	40	03/24/2022 22:58	WG1837050
2,2-Oxybis(1-Chloropropane)	ND		14.1	40	03/24/2022 22:58	WG1837050
4-Bromophenyl-phenylether	ND		14.1	40	03/24/2022 22:58	WG1837050
2-Chloronaphthalene	ND		1.41	40	03/24/2022 22:58	WG1837050
4-Chlorophenyl-phenylether	ND		14.1	40	03/24/2022 22:58	WG1837050
Chrysene	ND		1.41	40	03/24/2022 22:58	WG1837050
Dibenz(a,h)anthracene	ND		1.41	40	03/24/2022 22:58	WG1837050
3,3-Dichlorobenzidine	ND		14.1	40	03/24/2022 22:58	WG1837050
2,4-Dinitrotoluene	ND		14.1	40	03/24/2022 22:58	WG1837050
2,6-Dinitrotoluene	ND		14.1	40	03/24/2022 22:58	WG1837050
Fluoranthene	ND		1.41	40	03/24/2022 22:58	WG1837050
Fluorene	ND		1.41	40	03/24/2022 22:58	WG1837050
Hexachlorobenzene	ND		14.1	40	03/24/2022 22:58	WG1837050
Hexachloro-1,3-butadiene	ND		14.1	40	03/24/2022 22:58	WG1837050
Hexachlorocyclopentadiene	ND		14.1	40	03/24/2022 22:58	WG1837050
Hexachloroethane	ND		14.1	40	03/24/2022 22:58	WG1837050
Indeno(1,2,3-cd)pyrene	ND		1.41	40	03/24/2022 22:58	WG1837050
Isophorone	ND		14.1	40	03/24/2022 22:58	WG1837050
Naphthalene	ND		1.41	40	03/24/2022 22:58	WG1837050
Nitrobenzene	ND		14.1	40	03/24/2022 22:58	WG1837050
n-Nitrosodimethylamine	ND		14.1	40	03/24/2022 22:58	WG1837050
n-Nitrosodiphenylamine	ND		14.1	40	03/24/2022 22:58	WG1837050
n-Nitrosodi-n-propylamine	ND		14.1	40	03/24/2022 22:58	WG1837050
Phenanthrene	ND		1.41	40	03/24/2022 22:58	WG1837050
Benzylbutyl phthalate	ND		14.1	40	03/24/2022 22:58	WG1837050
Bis(2-ethylhexyl)phthalate	ND		14.1	40	03/24/2022 22:58	WG1837050
Di-n-butyl phthalate	ND		14.1	40	03/24/2022 22:58	WG1837050
Diethyl phthalate	ND		14.1	40	03/24/2022 22:58	WG1837050
Dimethyl phthalate	ND		14.1	40	03/24/2022 22:58	WG1837050
Di-n-octyl phthalate	ND		14.1	40	03/24/2022 22:58	WG1837050
Pyrene	ND		1.41	40	03/24/2022 22:58	WG1837050
1,2,4-Trichlorobenzene	ND		14.1	40	03/24/2022 22:58	WG1837050
4-Chloro-3-methylphenol	ND		14.1	40	03/24/2022 22:58	WG1837050
2-Chlorophenol	ND		14.1	40	03/24/2022 22:58	WG1837050
2,4-Dichlorophenol	ND		14.1	40	03/24/2022 22:58	WG1837050
2,4-Dimethylphenol	ND		14.1	40	03/24/2022 22:58	WG1837050
4,6-Dinitro-2-methylphenol	ND		14.1	40	03/24/2022 22:58	WG1837050
2,4-Dinitrophenol	ND		14.1	40	03/24/2022 22:58	WG1837050
2-Methylphenol	ND		14.1	40	03/24/2022 22:58	WG1837050
3&4-Methyl Phenol	ND		14.1	40	03/24/2022 22:58	WG1837050
2-Nitrophenol	ND		14.1	40	03/24/2022 22:58	WG1837050
4-Nitrophenol	ND		14.1	40	03/24/2022 22:58	WG1837050
Pentachlorophenol	ND		14.1	40	03/24/2022 22:58	WG1837050
Pyridine	ND		14.1	40	03/24/2022 22:58	WG1837050
2,4,5-Trichlorophenol	ND		14.1	40	03/24/2022 22:58	WG1837050
2,4,6-Trichlorophenol	ND		14.1	40	03/24/2022 22:58	WG1837050

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		14.1	40	03/24/2022 22:58	WG1837050
(S) 2-Fluorophenol	*56.6*	J7	*12.0-120*		*03/24/2022 22:58*	WG1837050
(S) Phenol-d5	*54.0*	J7	*10.0-120*		*03/24/2022 22:58*	WG1837050
(S) Nitrobenzene-d5	*50.5*	J7	*10.0-122*		*03/24/2022 22:58*	WG1837050
(S) 2-Fluorobiphenyl	*55.3*	J7	*15.0-120*		*03/24/2022 22:58*	WG1837050
(S) 2,4,6-Tribromophenol	*51.9*	J7	*10.0-127*		*03/24/2022 22:58*	WG1837050
(S) p-Terphenyl-d14	*57.7*	J7	*10.0-120*		*03/24/2022 22:58*	WG1837050

Sample Narrative:

L1473087-17 WG1837050: Dilution due to matrix.

Method Blank (MB)

(MB) R3772455-1 03/21/22 13:23

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1473064-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1473064-11 03/21/22 13:23 • (DUP) R3772455-3 03/21/22 13:23

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	81.7	81.8	1	0.0435		10

Laboratory Control Sample (LCS)

(LCS) R3772455-2 03/21/22 13:23

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3772450-1 03/21/22 13:16

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1473087-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1473087-10 03/21/22 13:16 • (DUP) R3772450-3 03/21/22 13:16

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	98.2	98.0	1	0.264		10

Laboratory Control Sample (LCS)

(LCS) R3772450-2 03/21/22 13:16

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3774037-1 03/25/22 09:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3774037-2 03/25/22 09:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.450	90.1	80.0-120	

L1473055-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473055-01 03/25/22 09:38 • (MS) R3774037-3 03/25/22 09:40 • (MSD) R3774037-4 03/25/22 09:43

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.612	ND	0.525	0.529	85.7	86.5	1	75.0-125			0.888	20

Method Blank (MB)

(MB) R3773961-1 03/25/22 08:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3773961-2 03/25/22 08:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.469	93.7	80.0-120	

L1473087-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-01 03/25/22 08:27 • (MS) R3773961-3 03/25/22 08:29 • (MSD) R3773961-4 03/25/22 08:32

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.516	ND	0.563	0.572	109	111	1	75.0-125			1.63	20

Method Blank (MB)

(MB) R3773874-1 03/24/22 16:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Antimony	U		0.544	2.00
Arsenic	U		0.518	2.00
Barium	U		0.0852	0.500
Beryllium	U		0.0315	0.200
Cadmium	U		0.0471	0.500
Chromium	U		0.133	1.00
Cobalt	U		0.0811	1.00
Copper	U		0.400	2.00
Lead	U		0.208	0.500
Molybdenum	U		0.109	0.500
Nickel	U		0.132	2.00
Selenium	U		0.764	2.00
Silver	U		0.127	1.00
Thallium	U		0.394	2.00
Vanadium	U		0.506	2.00
Zinc	U		0.832	5.00

Laboratory Control Sample (LCS)

(LCS) R3773874-2 03/24/22 16:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	100	88.5	88.5	80.0-120	
Arsenic	100	86.7	86.7	80.0-120	
Barium	100	91.1	91.1	80.0-120	
Beryllium	100	90.2	90.2	80.0-120	
Cadmium	100	88.1	88.1	80.0-120	
Chromium	100	87.6	87.6	80.0-120	
Cobalt	100	90.3	90.3	80.0-120	
Copper	100	90.1	90.1	80.0-120	
Lead	100	88.7	88.7	80.0-120	
Molybdenum	100	93.1	93.1	80.0-120	
Nickel	100	90.0	90.0	80.0-120	
Selenium	100	88.7	88.7	80.0-120	
Silver	20.0	17.2	86.1	80.0-120	
Thallium	100	87.8	87.8	80.0-120	
Vanadium	100	90.4	90.4	80.0-120	
Zinc	100	87.5	87.5	80.0-120	

L1473087-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-14 03/24/22 17:01 • (MS) R3773874-5 03/24/22 17:09 • (MSD) R3773874-6 03/24/22 17:11

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	102	ND	84.5	72.7	81.9	70.4	1	75.0-125		J6	15.0	20
Arsenic	102	ND	98.2	87.3	94.5	83.8	1	75.0-125			11.8	20
Barium	102	43.6	148	131	102	85.2	1	75.0-125			12.6	20
Beryllium	102	0.237	99.7	88.6	97.3	86.4	1	75.0-125			11.8	20
Cadmium	102	ND	99.2	88.0	97.0	86.0	1	75.0-125			12.0	20
Chromium	102	7.14	102	90.7	92.4	81.8	1	75.0-125			11.3	20
Cobalt	102	3.18	107	95.1	101	90.0	1	75.0-125			11.5	20
Copper	102	9.11	110	98.5	99.0	87.5	1	75.0-125			11.3	20
Lead	102	4.26	105	93.0	98.6	86.8	1	75.0-125			12.1	20
Molybdenum	102	ND	99.5	88.0	96.9	85.6	1	75.0-125			12.3	20
Nickel	102	5.51	108	96.6	100	89.1	1	75.0-125			11.3	20
Selenium	102	ND	99.3	89.1	97.1	87.1	1	75.0-125			10.9	20
Silver	20.4	ND	19.4	17.1	95.1	83.8	1	75.0-125			12.7	20
Thallium	102	ND	96.2	85.6	94.1	83.7	1	75.0-125			11.8	20
Vanadium	102	22.9	120	109	94.9	83.9	1	75.0-125			9.82	20
Zinc	102	20.8	116	105	92.9	82.9	1	75.0-125			9.25	20

Method Blank (MB)

(MB) R3772122-2 03/21/22 06:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		0.830	2.50
(S) a,a,a-Trifluorotoluene(FID)	*89.4*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3772122-1 03/21/22 05:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5.50	4.59	83.5	72.0-125	
(S) a,a,a-Trifluorotoluene(FID)			*93.3*	*77.0-120*	

L1473082-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473082-01 03/21/22 19:32 • (MS) R3772122-3 03/21/22 21:04 • (MSD) R3772122-4 03/21/22 21:29

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	173	ND	89.2	93.3	51.4	53.8	25	10.0-141			4.54	29
(S) a,a,a-Trifluorotoluene(FID)					*93.5*	*93.3*		*77.0-120*				

Method Blank (MB)

(MB) R3773656-2 03/22/22 05:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		0.830	2.50
(S) a,a,a-Trifluorotoluene(FID)	*89.7*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3773656-1 03/22/22 04:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5.50	4.43	80.5	72.0-125	
(S) a,a,a-Trifluorotoluene(FID)			*92.8*	*77.0-120*	

L1473369-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473369-01 03/22/22 07:17 • (MS) R3773656-3 03/22/22 11:53 • (MSD) R3773656-4 03/22/22 12:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	174	ND	137	149	79.1	86.0	25	10.0-141			8.45	29
(S) a,a,a-Trifluorotoluene(FID)					*94.0*	*94.3*		*77.0-120*				

Method Blank (MB)

(MB) R3773592-2 03/22/22 01:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00250
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R3773592-2 03/22/22 01:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
Vinyl chloride	U		0.00116	0.00250
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3773592-1 03/22/22 00:41

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	1.22	195	10.0-160	J4
Acrylonitrile	0.625	0.872	140	45.0-153	
Benzene	0.125	0.116	92.8	70.0-123	
Bromobenzene	0.125	0.116	92.8	73.0-121	
Bromodichloromethane	0.125	0.128	102	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R3773592-1 03/22/22 00:41

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.133	106	64.0-132	
Bromomethane	0.125	0.134	107	56.0-147	
n-Butylbenzene	0.125	0.0923	73.8	68.0-135	
sec-Butylbenzene	0.125	0.104	83.2	74.0-130	
tert-Butylbenzene	0.125	0.105	84.0	75.0-127	
Carbon tetrachloride	0.125	0.139	111	66.0-128	
Chlorobenzene	0.125	0.127	102	76.0-128	
Chlorodibromomethane	0.125	0.138	110	74.0-127	
Chloroethane	0.125	0.134	107	61.0-134	
Chloroform	0.125	0.122	97.6	72.0-123	
Chloromethane	0.125	0.129	103	51.0-138	
2-Chlorotoluene	0.125	0.117	93.6	75.0-124	
4-Chlorotoluene	0.125	0.0968	77.4	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.122	97.6	59.0-130	
1,2-Dibromoethane	0.125	0.133	106	74.0-128	
Dibromomethane	0.125	0.143	114	75.0-122	
1,2-Dichlorobenzene	0.125	0.116	92.8	76.0-124	
1,3-Dichlorobenzene	0.125	0.118	94.4	76.0-125	
1,4-Dichlorobenzene	0.125	0.110	88.0	77.0-121	
Dichlorodifluoromethane	0.125	0.104	83.2	43.0-156	
1,1-Dichloroethane	0.125	0.127	102	70.0-127	
1,2-Dichloroethane	0.125	0.134	107	65.0-131	
1,1-Dichloroethene	0.125	0.120	96.0	65.0-131	
cis-1,2-Dichloroethene	0.125	0.119	95.2	73.0-125	
trans-1,2-Dichloroethene	0.125	0.123	98.4	71.0-125	
1,2-Dichloropropane	0.125	0.127	102	74.0-125	
1,1-Dichloropropene	0.125	0.116	92.8	73.0-125	
1,3-Dichloropropane	0.125	0.122	97.6	80.0-125	
cis-1,3-Dichloropropene	0.125	0.120	96.0	76.0-127	
trans-1,3-Dichloropropene	0.125	0.117	93.6	73.0-127	
2,2-Dichloropropane	0.125	0.135	108	59.0-135	
Di-isopropyl ether	0.125	0.136	109	60.0-136	
Ethylbenzene	0.125	0.117	93.6	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.143	114	57.0-150	
Isopropylbenzene	0.125	0.118	94.4	72.0-127	
p-Isopropyltoluene	0.125	0.105	84.0	72.0-133	
2-Butanone (MEK)	0.625	0.908	145	30.0-160	
Methylene Chloride	0.125	0.135	108	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.721	115	56.0-143	
Methyl tert-butyl ether	0.125	0.151	121	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R3773592-1 03/22/22 00:41

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.115	92.0	59.0-130	
n-Propylbenzene	0.125	0.101	80.8	74.0-126	
Styrene	0.125	0.106	84.8	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.136	109	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.114	91.2	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.125	0.108	86.4	61.0-139	
Tetrachloroethene	0.125	0.137	110	70.0-136	
Toluene	0.125	0.114	91.2	75.0-121	
1,2,3-Trichlorobenzene	0.125	0.132	106	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.126	101	62.0-137	
1,1,1-Trichloroethane	0.125	0.137	110	69.0-126	
1,1,2-Trichloroethane	0.125	0.127	102	78.0-123	
Trichloroethene	0.125	0.141	113	76.0-126	
Trichlorofluoromethane	0.125	0.123	98.4	61.0-142	
1,2,3-Trichloropropane	0.125	0.129	103	67.0-129	
1,2,4-Trimethylbenzene	0.125	0.103	82.4	70.0-126	
1,2,3-Trimethylbenzene	0.125	0.108	86.4	74.0-124	
Vinyl chloride	0.125	0.133	106	63.0-134	
1,3,5-Trimethylbenzene	0.125	0.107	85.6	73.0-127	
Xylenes, Total	0.375	0.358	95.5	72.0-127	
(S) Toluene-d8			*103*	*75.0-131*	
(S) 4-Bromofluorobenzene			*98.5*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*108*	*70.0-130*	

L1473087-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-17 03/22/22 07:20 • (MS) R3773592-3 03/22/22 08:35 • (MSD) R3773592-4 03/22/22 08:54

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	2.57	ND	1.75	1.62	67.9	62.9	3.83	10.0-160			7.64	40
Acrylonitrile	2.57	ND	1.92	2.75	74.6	107	3.83	10.0-160			35.8	40
Benzene	0.513	0.0677	0.657	0.606	115	105	3.83	10.0-149			7.97	37
Bromobenzene	0.513	ND	0.591	0.557	115	109	3.83	10.0-156			5.97	38
Bromodichloromethane	0.513	ND	0.641	0.602	125	117	3.83	10.0-143			6.21	37
Bromoform	0.513	ND	0.506	0.514	98.5	100	3.83	10.0-146			1.68	36
Bromomethane	0.513	ND	0.853	0.770	166	150	3.83	10.0-149	J5	J5	10.2	38
n-Butylbenzene	0.513	ND	0.627	0.583	117	108	3.83	10.0-160			7.26	40
sec-Butylbenzene	0.513	ND	0.652	0.610	127	119	3.83	10.0-159			6.79	39
tert-Butylbenzene	0.513	ND	0.618	0.587	120	114	3.83	10.0-156			5.16	39

L1473087-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-17 03/22/22 07:20 • (MS) R3773592-3 03/22/22 08:35 • (MSD) R3773592-4 03/22/22 08:54

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	0.513	ND	0.838	0.801	163	156	3.83	10.0-145	J5	J5	4.44	37
Chlorobenzene	0.513	ND	0.655	0.627	128	122	3.83	10.0-152			4.35	39
Chlorodibromomethane	0.513	ND	0.599	0.574	117	112	3.83	10.0-146			4.20	37
Chloroethane	0.513	ND	0.739	0.757	144	148	3.83	10.0-146		J5	2.43	40
Chloroform	0.513	ND	0.637	0.602	124	117	3.83	10.0-146			5.70	37
Chloromethane	0.513	ND	0.785	0.930	153	181	3.83	10.0-159		J5	16.9	37
2-Chlorotoluene	0.513	ND	0.615	0.580	120	113	3.83	10.0-159			5.92	38
4-Chlorotoluene	0.513	ND	0.513	0.513	100	100	3.83	10.0-155			0.000	39
1,2-Dibromo-3-Chloropropane	0.513	ND	0.357	0.364	69.5	71.0	3.83	10.0-151			2.08	39
1,2-Dibromoethane	0.513	ND	0.593	0.538	116	105	3.83	10.0-148			9.85	34
Dibromomethane	0.513	ND	0.622	0.566	121	110	3.83	10.0-147			9.56	35
1,2-Dichlorobenzene	0.513	ND	0.598	0.576	116	112	3.83	10.0-155			3.65	37
1,3-Dichlorobenzene	0.513	ND	0.651	0.606	127	118	3.83	10.0-153			7.16	38
1,4-Dichlorobenzene	0.513	ND	0.572	0.540	111	105	3.83	10.0-151			5.78	38
Dichlorodifluoromethane	0.513	ND	0.678	0.674	132	131	3.83	10.0-160			0.634	35
1,1-Dichloroethane	0.513	ND	0.662	0.597	129	116	3.83	10.0-147			10.4	37
1,2-Dichloroethane	0.513	ND	0.644	0.579	125	113	3.83	10.0-148			10.7	35
1,1-Dichloroethene	0.513	ND	0.845	0.812	165	158	3.83	10.0-155	J5	J5	4.01	37
cis-1,2-Dichloroethene	0.513	ND	0.581	0.582	113	113	3.83	10.0-149			0.184	37
trans-1,2-Dichloroethene	0.513	ND	0.676	0.679	132	132	3.83	10.0-150			0.474	37
1,2-Dichloropropane	0.513	ND	0.668	0.622	130	121	3.83	10.0-148			7.14	37
1,1-Dichloropropene	0.513	ND	0.748	0.702	146	137	3.83	10.0-153			6.36	35
1,3-Dichloropropane	0.513	ND	0.572	0.538	111	105	3.83	10.0-154			6.18	35
cis-1,3-Dichloropropene	0.513	ND	0.635	0.599	124	117	3.83	10.0-151			5.90	37
trans-1,3-Dichloropropene	0.513	ND	0.571	0.543	111	106	3.83	10.0-148			5.00	37
2,2-Dichloropropane	0.513	ND	0.698	0.674	136	131	3.83	10.0-138			3.59	36
Di-isopropyl ether	0.513	ND	0.657	0.603	128	118	3.83	10.0-147			8.50	36
Ethylbenzene	0.513	0.227	0.616	0.604	75.8	73.5	3.83	10.0-160			1.93	38
Hexachloro-1,3-butadiene	0.513	ND	1.03	0.957	200	186	3.83	10.0-160	J5	J5	7.23	40
Isopropylbenzene	0.513	0.0236	0.651	0.602	122	113	3.83	10.0-155			7.86	38
p-Isopropyltoluene	0.513	ND	0.651	0.612	127	119	3.83	10.0-160			6.28	40
2-Butanone (MEK)	2.57	ND	1.87	1.78	72.9	69.2	3.83	10.0-160			5.28	40
Methylene Chloride	0.513	ND	0.737	0.686	144	134	3.83	10.0-141	J5		7.23	37
4-Methyl-2-pentanone (MIBK)	2.57	ND	2.37	2.43	92.1	94.6	3.83	10.0-160			2.68	35
Methyl tert-butyl ether	0.513	ND	0.623	0.559	122	109	3.83	11.0-147			10.9	35
Naphthalene	0.513	ND	0.505	0.476	88.7	83.1	3.83	10.0-160			5.90	36
n-Propylbenzene	0.513	0.0941	0.596	0.558	97.7	90.4	3.83	10.0-158			6.50	38
Styrene	0.513	ND	0.541	0.526	105	103	3.83	10.0-160			2.81	40
1,1,1,2-Tetrachloroethane	0.513	ND	0.664	0.634	129	124	3.83	10.0-149			4.62	39

L1473087-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-17 03/22/22 07:20 • (MS) R3773592-3 03/22/22 08:35 • (MSD) R3773592-4 03/22/22 08:54

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
1,1,2,2-Tetrachloroethane	0.513	ND	0.441	0.449	86.0	87.5	3.83	10.0-160			1.68	35
1,1,2-Trichlorotrifluoroethane	0.513	ND	0.741	0.764	144	149	3.83	10.0-160			2.99	36
Tetrachloroethene	0.513	ND	0.764	0.718	149	140	3.83	10.0-156			6.22	39
Toluene	0.513	0.221	0.650	0.604	83.7	74.7	3.83	10.0-156			7.34	38
1,2,3-Trichlorobenzene	0.513	ND	0.687	0.663	134	129	3.83	10.0-160			3.49	40
1,2,4-Trichlorobenzene	0.513	ND	0.726	0.668	142	130	3.83	10.0-160			8.29	40
1,1,1-Trichloroethane	0.513	ND	0.823	0.758	160	148	3.83	10.0-144	J5	J5	8.13	35
1,1,2-Trichloroethane	0.513	ND	0.597	0.543	116	106	3.83	10.0-160			9.40	35
Trichloroethene	0.513	ND	0.803	0.741	157	144	3.83	10.0-156	J5		8.04	38
Trichlorofluoromethane	0.513	ND	0.747	0.736	146	143	3.83	10.0-160			1.45	40
1,2,3-Trichloropropane	0.513	ND	0.494	0.480	96.2	93.5	3.83	10.0-156			2.86	35
1,2,4-Trimethylbenzene	0.513	0.496	0.566	0.538	13.6	8.14	3.83	10.0-160		J6	5.05	36
1,2,3-Trimethylbenzene	0.513	0.119	0.574	0.531	88.7	80.4	3.83	10.0-160			7.75	36
Vinyl chloride	0.513	ND	0.870	0.822	170	160	3.83	10.0-160	J5		5.70	37
1,3,5-Trimethylbenzene	0.513	0.149	0.605	0.575	88.9	83.1	3.83	10.0-160			5.08	38
Xylenes, Total	1.54	1.02	1.94	1.82	59.5	51.9	3.83	10.0-160			6.27	38
(S) Toluene-d8					*103*	*104*		*75.0-131*				
(S) 4-Bromofluorobenzene					*97.6*	*97.6*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*99.4*	*103*		*70.0-130*				

Method Blank (MB)

(MB) R3773837-1 03/24/22 12:50

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		2.00	4.00
C22-C32 Hydrocarbons	U		1.33	4.00
C32-C40 Hydrocarbons	U		1.33	4.00
(S) o-Terphenyl	*96.4*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3773837-2 03/24/22 13:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C12-C22 Hydrocarbons	25.0	22.5	90.0	50.0-150	
C22-C32 Hydrocarbons	25.0	22.2	88.8	50.0-150	
(S) o-Terphenyl			*86.2*	*18.0-148*	

L1473087-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-15 03/24/22 17:04 • (MS) R3773837-3 03/24/22 17:22 • (MSD) R3773837-4 03/24/22 17:39

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C12-C22 Hydrocarbons	24.9	ND	20.7	22.3	83.0	90.2	1	50.0-150			7.51	20
C22-C32 Hydrocarbons	24.9	ND	23.0	23.0	92.3	93.1	1	50.0-150			0.000	20
(S) o-Terphenyl					*82.7*	*78.7*		*18.0-148*				

Method Blank (MB)

(MB) R3773497-1 03/24/22 10:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00376	0.0200
Alpha BHC	U		0.00368	0.0200
Beta BHC	U		0.00379	0.0200
Delta BHC	U		0.00346	0.0200
Gamma BHC	U		0.00344	0.0200
Chlordane	U		0.103	0.300
4,4-DDD	U		0.00370	0.0200
4,4-DDE	U		0.00366	0.0200
4,4-DDT	U		0.00627	0.0200
Dieldrin	U		0.00344	0.0200
Endosulfan I	U		0.00363	0.0200
Endosulfan II	U		0.00335	0.0200
Endosulfan sulfate	U		0.00364	0.0200
Endrin	U		0.00350	0.0200
Endrin aldehyde	U		0.00339	0.0200
Endrin ketone	U		0.00711	0.0200
Heptachlor	U		0.00428	0.0200
Heptachlor epoxide	U		0.00339	0.0200
Hexachlorobenzene	U		0.00346	0.0200
Methoxychlor	U		0.00484	0.0200
Toxaphene	U		0.124	0.400
(S) Decachlorobiphenyl	*50.6*			*10.0-135*
(S) Tetrachloro-m-xylene	*46.7*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3773497-2 03/24/22 10:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0474	71.2	34.0-136	
Alpha BHC	0.0666	0.0451	67.7	34.0-139	
Beta BHC	0.0666	0.0462	69.4	34.0-133	
Delta BHC	0.0666	0.0447	67.1	34.0-135	
Gamma BHC	0.0666	0.0464	69.7	34.0-136	
4,4-DDD	0.0666	0.0484	72.7	33.0-141	
4,4-DDE	0.0666	0.0463	69.5	34.0-134	
4,4-DDT	0.0666	0.0423	63.5	30.0-143	
Dieldrin	0.0666	0.0485	72.8	35.0-137	
Endosulfan I	0.0666	0.0455	68.3	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3773497-2 03/24/22 10:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0465	69.8	35.0-132	
Endosulfan sulfate	0.0666	0.0453	68.0	35.0-132	
Endrin	0.0666	0.0433	65.0	34.0-137	
Endrin aldehyde	0.0666	0.0348	52.3	23.0-121	
Endrin ketone	0.0666	0.0456	68.5	35.0-144	
Heptachlor	0.0666	0.0437	65.6	36.0-141	
Heptachlor epoxide	0.0666	0.0457	68.6	36.0-134	
Hexachlorobenzene	0.0666	0.0437	65.6	33.0-129	
Methoxychlor	0.0666	0.0437	65.6	28.0-150	
(S) Decachlorobiphenyl			*68.0*	*10.0-135*	
(S) Tetrachloro-m-xylene			*64.6*	*10.0-139*	

L1472870-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1472870-08 03/24/22 22:36 • (MS) R3774184-1 03/24/22 22:46 • (MSD) R3774184-2 03/24/22 22:55

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0831	ND	0.0665	0.0675	80.0	81.2	1	20.0-135			1.49	37
Alpha BHC	0.0831	ND	0.0696	0.0746	83.8	89.8	1	27.0-140			6.92	35
Beta BHC	0.0831	ND	0.0718	0.0767	86.5	92.3	1	23.0-141			6.55	37
Delta BHC	0.0831	ND	0.0615	0.0657	74.0	79.1	1	21.0-138			6.67	35
Gamma BHC	0.0831	ND	0.0708	0.0758	85.3	91.3	1	27.0-137			6.80	36
4,4-DDD	0.0831	ND	0.0609	0.0595	73.3	71.6	1	15.0-152			2.28	39
4,4-DDE	0.0831	ND	0.0579	0.0585	69.7	70.4	1	10.0-152			1.07	40
4,4-DDT	0.0831	ND	0.0556	0.0551	67.0	66.4	1	10.0-151			0.901	40
Dieldrin	0.0831	ND	0.0680	0.0700	81.8	84.2	1	17.0-145			2.89	37
Endosulfan I	0.0831	ND	0.0605	0.0619	72.8	74.5	1	20.0-137			2.24	36
Endosulfan II	0.0831	ND	0.0701	0.0708	84.4	85.3	1	15.0-141			1.06	37
Endosulfan sulfate	0.0831	ND	0.0614	0.0620	73.9	74.6	1	15.0-143			1.01	38
Endrin	0.0831	ND	0.0600	0.0612	72.2	73.7	1	19.0-143			2.06	37
Endrin aldehyde	0.0831	ND	0.0471	0.0478	56.8	57.5	1	10.0-139			1.31	40
Endrin ketone	0.0831	ND	0.0587	0.0622	70.7	74.9	1	17.0-149			5.77	38
Heptachlor	0.0831	ND	0.0669	0.0685	80.5	82.4	1	22.0-138			2.40	37
Heptachlor epoxide	0.0831	ND	0.0594	0.0611	71.5	73.6	1	22.0-138			2.90	36
Hexachlorobenzene	0.0831	ND	0.0666	0.0690	80.2	83.0	1	25.0-126			3.50	35
Methoxychlor	0.0831	ND	0.0619	0.0652	74.5	78.5	1	10.0-159			5.30	40
(S) Decachlorobiphenyl					*76.6*	*75.7*		*10.0-135*				
(S) Tetrachloro-m-xylene					*80.9*	*83.8*		*10.0-139*				

Method Blank (MB)

(MB) R3774025-1 03/25/22 09:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00376	0.0200
Alpha BHC	U		0.00368	0.0200
Beta BHC	U		0.00379	0.0200
Delta BHC	U		0.00346	0.0200
Gamma BHC	U		0.00344	0.0200
Chlordane	U		0.103	0.300
4,4-DDD	U		0.00370	0.0200
4,4-DDE	U		0.00366	0.0200
4,4-DDT	U		0.00627	0.0200
Dieldrin	U		0.00344	0.0200
Endosulfan I	U		0.00363	0.0200
Endosulfan II	U		0.00335	0.0200
Endosulfan sulfate	U		0.00364	0.0200
Endrin	U		0.00350	0.0200
Endrin aldehyde	U		0.00339	0.0200
Endrin ketone	U		0.00711	0.0200
Heptachlor	U		0.00428	0.0200
Heptachlor epoxide	U		0.00339	0.0200
Hexachlorobenzene	U		0.00346	0.0200
Methoxychlor	U		0.00484	0.0200
Toxaphene	U		0.124	0.400
(S) Decachlorobiphenyl	*93.1*			*10.0-135*
(S) Tetrachloro-m-xylene	*89.5*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3774025-2 03/25/22 10:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0687	103	34.0-136	
Alpha BHC	0.0666	0.0675	101	34.0-139	
Beta BHC	0.0666	0.0667	100	34.0-133	
Delta BHC	0.0666	0.0604	90.7	34.0-135	
Gamma BHC	0.0666	0.0686	103	34.0-136	
4,4-DDD	0.0666	0.0639	95.9	33.0-141	
4,4-DDE	0.0666	0.0641	96.2	34.0-134	
4,4-DDT	0.0666	0.0651	97.7	30.0-143	
Dieldrin	0.0666	0.0709	106	35.0-137	
Endosulfan I	0.0666	0.0613	92.0	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3774025-2 03/25/22 10:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0713	107	35.0-132	
Endosulfan sulfate	0.0666	0.0608	91.3	35.0-132	
Endrin	0.0666	0.0621	93.2	34.0-137	
Endrin aldehyde	0.0666	0.0448	67.3	23.0-121	
Endrin ketone	0.0666	0.0608	91.3	35.0-144	
Heptachlor	0.0666	0.0690	104	36.0-141	
Heptachlor epoxide	0.0666	0.0595	89.3	36.0-134	
Hexachlorobenzene	0.0666	0.0682	102	33.0-129	
Methoxychlor	0.0666	0.0704	106	28.0-150	
(S) Decachlorobiphenyl			*89.9*	*10.0-135*	
(S) Tetrachloro-m-xylene			*86.6*	*10.0-139*	

Method Blank (MB)

(MB) R3773497-1 03/24/22 10:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*53.0*			*10.0-135*
(S) Tetrachloro-m-xylene	*51.7*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3773497-3 03/24/22 10:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1016	0.167	0.113	67.7	36.0-141	
PCB 1260	0.167	0.136	81.4	37.0-145	P
(S) Decachlorobiphenyl			*69.7*	*10.0-135*	
(S) Tetrachloro-m-xylene			*70.7*	*10.0-139*	

L1472870-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1472870-08 03/24/22 22:36 • (MS) R3774184-3 03/24/22 23:05 • (MSD) R3774184-4 03/24/22 23:14

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1016	0.208	ND	0.151	0.136	72.5	65.3	1	10.0-160			10.4	37
PCB 1260	0.208	ND	0.157	0.146	75.4	70.1	1	10.0-160			7.41	38
(S) Decachlorobiphenyl					*92.8*	*87.1*		*10.0-135*				
(S) Tetrachloro-m-xylene					*86.5*	*84.8*		*10.0-139*				

Method Blank (MB)

(MB) R3774025-1 03/25/22 09:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*104*			*10.0-135*
(S) Tetrachloro-m-xylene	*93.8*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3774025-3 03/25/22 10:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1016	0.167	0.153	91.6	36.0-141	
PCB 1260	0.167	0.167	100	37.0-145	
(S) Decachlorobiphenyl			*93.2*	*10.0-135*	
(S) Tetrachloro-m-xylene			*85.9*	*10.0-139*	

Method Blank (MB)

(MB) R3773823-2 03/24/22 14:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzidine	U		0.0626	1.67
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-oxybis(1-chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333

Method Blank (MB)

(MB) R3773823-2 03/24/22 14:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.00648	0.0333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Pyridine	U		0.0220	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
Phenol	U		0.0134	0.333
(S) 2-Fluorophenol	*58.7*			*12.0-120*
(S) Phenol-d5	*53.9*			*10.0-120*
(S) Nitrobenzene-d5	*51.4*			*10.0-122*
(S) 2-Fluorobiphenyl	*57.4*			*15.0-120*
(S) 2,4,6-Tribromophenol	*67.3*			*10.0-127*
(S) p-Terphenyl-d14	*62.5*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R3773823-1 03/24/22 14:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.472	70.9	38.0-120	
Acenaphthylene	0.666	0.523	78.5	40.0-120	
Anthracene	0.666	0.526	79.0	42.0-120	
Benzidine	1.33	0.502	37.7	10.0-120	
Benzo(a)anthracene	0.666	0.539	80.9	44.0-120	
Benzo(b)fluoranthene	0.666	0.502	75.4	43.0-120	
Benzo(k)fluoranthene	0.666	0.532	79.9	44.0-120	
Benzo(g,h,i)perylene	0.666	0.575	86.3	43.0-120	
Benzo(a)pyrene	0.666	0.573	86.0	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.382	57.4	20.0-120	

Laboratory Control Sample (LCS)

(LCS) R3773823-1 03/24/22 14:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bis(2-chloroethyl)ether	0.666	0.560	84.1	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.451	67.7	23.0-120	
4-Bromophenyl-phenylether	0.666	0.518	77.8	40.0-120	
2-Chloronaphthalene	0.666	0.475	71.3	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.498	74.8	40.0-120	
Chrysene	0.666	0.528	79.3	43.0-120	
Dibenz(a,h)anthracene	0.666	0.547	82.1	44.0-120	
3,3-Dichlorobenzidine	1.33	0.943	70.9	28.0-120	
2,4-Dinitrotoluene	0.666	0.593	89.0	45.0-120	
2,6-Dinitrotoluene	0.666	0.549	82.4	42.0-120	
Fluoranthene	0.666	0.515	77.3	44.0-120	
Fluorene	0.666	0.502	75.4	41.0-120	
Hexachlorobenzene	0.666	0.517	77.6	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.414	62.2	15.0-120	
Hexachlorocyclopentadiene	0.666	0.399	59.9	15.0-120	
Hexachloroethane	0.666	0.462	69.4	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.558	83.8	45.0-120	
Isophorone	0.666	0.392	58.9	23.0-120	
Naphthalene	0.666	0.389	58.4	18.0-120	
Nitrobenzene	0.666	0.375	56.3	17.0-120	
n-Nitrosodimethylamine	0.666	0.391	58.7	10.0-125	
n-Nitrosodiphenylamine	0.666	0.506	76.0	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.456	68.5	26.0-120	
Phenanthrene	0.666	0.510	76.6	42.0-120	
Benzylbutyl phthalate	0.666	0.573	86.0	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.597	89.6	41.0-120	
Di-n-butyl phthalate	0.666	0.551	82.7	43.0-120	
Diethyl phthalate	0.666	0.535	80.3	43.0-120	
Dimethyl phthalate	0.666	0.543	81.5	43.0-120	
Di-n-octyl phthalate	0.666	0.575	86.3	40.0-120	
Pyrene	0.666	0.526	79.0	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.408	61.3	17.0-120	
4-Chloro-3-methylphenol	0.666	0.423	63.5	28.0-120	
2-Chlorophenol	0.666	0.481	72.2	28.0-120	
2,4-Dichlorophenol	0.666	0.436	65.5	25.0-120	
2,4-Dimethylphenol	0.666	0.431	64.7	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.543	81.5	16.0-120	
2,4-Dinitrophenol	0.666	0.391	58.7	10.0-120	
2-Methylphenol	0.666	0.489	73.4	35.0-120	
3&4-Methyl Phenol	0.666	0.547	82.1	42.0-120	

Laboratory Control Sample (LCS)

(LCS) R3773823-1 03/24/22 14:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	0.666	0.438	65.8	20.0-120	
4-Nitrophenol	0.666	0.540	81.1	27.0-120	
Pentachlorophenol	0.666	0.556	83.5	29.0-120	
Pyridine	0.666	0.266	39.9	10.0-120	
2,4,5-Trichlorophenol	0.666	0.487	73.1	38.0-120	
2,4,6-Trichlorophenol	0.666	0.510	76.6	37.0-120	
Phenol	0.666	0.451	67.7	28.0-120	
(S) 2-Fluorophenol			*75.8*	*12.0-120*	
(S) Phenol-d5			*70.3*	*10.0-120*	
(S) Nitrobenzene-d5			*55.6*	*10.0-122*	
(S) 2-Fluorobiphenyl			*73.9*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*95.2*	*10.0-127*	
(S) p-Terphenyl-d14			*81.1*	*10.0-120*	

L1473087-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-08 03/24/22 19:51 • (MS) R3773823-3 03/24/22 20:12 • (MSD) R3773823-4 03/24/22 20:33

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.665	ND	0.379	0.441	57.1	65.9	1	18.0-120			14.9	32
Acenaphthylene	0.665	ND	0.407	0.476	61.2	71.2	1	25.0-120			15.7	32
Anthracene	0.665	ND	0.421	0.492	63.3	73.5	1	22.0-120			15.4	29
Benzidine	1.33	ND	ND	ND	57.1	63.5	1	10.0-120			11.4	40
Benzo(a)anthracene	0.665	ND	0.420	0.499	63.2	74.5	1	25.0-120			17.1	29
Benzo(b)fluoranthene	0.665	ND	0.411	0.460	61.8	68.8	1	19.0-122			11.2	31
Benzo(k)fluoranthene	0.665	ND	0.415	0.471	62.4	70.4	1	23.0-120			12.7	30
Benzo(g,h,i)perylene	0.665	ND	0.459	0.522	69.0	78.0	1	10.0-120			12.9	33
Benzo(a)pyrene	0.665	ND	0.457	0.515	68.7	77.0	1	24.0-120			12.0	30
Bis(2-chlorethoxy)methane	0.665	ND	ND	0.351	48.2	52.4	1	10.0-120			9.12	34
Bis(2-chloroethyl)ether	0.665	ND	0.415	0.469	62.4	70.1	1	10.0-120			12.2	40
2,2-Oxybis(1-Chloropropane)	0.665	ND	0.348	0.386	52.3	57.8	1	10.0-120			10.6	40
4-Bromophenyl-phenylether	0.665	ND	0.417	0.490	62.7	73.3	1	27.0-120			16.2	30
2-Chloronaphthalene	0.665	ND	0.375	0.436	56.4	65.2	1	20.0-120			15.1	32
4-Chlorophenyl-phenylether	0.665	ND	0.401	0.465	60.3	69.5	1	24.0-120			14.8	29
Chrysene	0.665	ND	0.422	0.509	63.5	76.1	1	21.0-120			18.6	29
Dibenz(a,h)anthracene	0.665	ND	0.441	0.492	66.3	73.5	1	10.0-120			10.9	32
3,3-Dichlorobenzidine	1.33	ND	0.835	0.966	63.0	72.3	1	10.0-120			14.5	34
2,4-Dinitrotoluene	0.665	ND	0.475	0.545	71.5	81.4	1	30.0-120			13.6	31
2,6-Dinitrotoluene	0.665	ND	0.427	0.502	64.3	75.0	1	25.0-120			16.0	31

L1473087-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-08 03/24/22 19:51 • (MS) R3773823-3 03/24/22 20:12 • (MSD) R3773823-4 03/24/22 20:33

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fluoranthene	0.665	ND	0.413	0.484	62.1	72.4	1	18.0-126			15.9	32
Fluorene	0.665	ND	0.402	0.467	60.4	69.8	1	25.0-120			15.0	30
Hexachlorobenzene	0.665	ND	0.411	0.478	61.8	71.5	1	27.0-120			15.1	28
Hexachloro-1,3-butadiene	0.665	ND	0.355	0.387	53.4	57.9	1	10.0-120			8.79	38
Hexachlorocyclopentadiene	0.665	ND	ND	ND	38.7	45.1	1	10.0-120			16.1	40
Hexachloroethane	0.665	ND	0.366	0.420	55.1	62.8	1	10.0-120			13.7	40
Indeno(1,2,3-cd)pyrene	0.665	ND	0.445	0.499	66.9	74.5	1	10.0-120			11.5	32
Isophorone	0.665	ND	ND	0.362	48.6	54.1	1	13.0-120			11.3	34
Naphthalene	0.665	ND	0.319	0.356	48.0	53.2	1	10.0-120			10.9	35
Nitrobenzene	0.665	ND	ND	0.346	47.7	51.7	1	10.0-120			8.62	36
n-Nitrosodimethylamine	0.665	ND	ND	0.351	46.2	52.4	1	10.0-127			13.3	40
n-Nitrosodiphenylamine	0.665	ND	0.408	0.482	61.3	72.1	1	17.0-120			16.7	29
n-Nitrosodi-n-propylamine	0.665	ND	0.376	0.422	56.6	63.1	1	10.0-120			11.5	37
Phenanthrene	0.665	ND	0.405	0.471	60.9	70.4	1	17.0-120			15.1	31
Benzylbutyl phthalate	0.665	ND	0.460	0.558	69.2	83.4	1	23.0-120			19.2	30
Bis(2-ethylhexyl)phthalate	0.665	ND	0.483	0.579	72.7	86.6	1	17.0-126			18.0	30
Di-n-butyl phthalate	0.665	ND	0.444	0.523	66.7	78.2	1	30.0-120			16.5	29
Diethyl phthalate	0.665	ND	0.429	0.492	64.6	73.5	1	26.0-120			13.5	28
Dimethyl phthalate	0.665	ND	0.429	0.499	64.6	74.5	1	25.0-120			14.9	29
Di-n-octyl phthalate	0.665	ND	0.476	0.565	71.6	84.5	1	21.0-123			17.0	29
Pyrene	0.665	ND	0.419	0.490	63.0	73.3	1	16.0-121			15.7	32
1,2,4-Trichlorobenzene	0.665	ND	ND	0.377	50.6	56.4	1	12.0-120			11.4	37
4-Chloro-3-methylphenol	0.665	ND	0.350	0.386	52.6	57.8	1	15.0-120			9.97	30
2-Chlorophenol	0.665	ND	0.385	0.436	58.0	65.2	1	15.0-120			12.4	37
2,4-Dichlorophenol	0.665	ND	0.356	0.403	53.5	60.2	1	20.0-120			12.4	31
2,4-Dimethylphenol	0.665	ND	0.355	0.395	53.4	59.0	1	10.0-120			10.6	33
4,6-Dinitro-2-methylphenol	0.665	ND	ND	ND	0.000	16.0	1	10.0-120	J6	J3	200	39
2,4-Dinitrophenol	0.665	ND	ND	ND	0.000	0.000	1	10.0-121	J6	J6	0.000	40
2-Methylphenol	0.665	ND	0.396	0.438	59.5	65.5	1	11.0-120			10.3	40
3&4-Methyl Phenol	0.665	ND	0.441	0.499	66.3	74.5	1	12.0-123			12.4	38
2-Nitrophenol	0.665	ND	0.353	0.396	53.1	59.1	1	12.0-120			11.4	39
4-Nitrophenol	0.665	ND	0.379	0.466	57.1	69.7	1	10.0-137			20.5	32
Pentachlorophenol	0.665	ND	ND	ND	14.8	26.5	1	10.0-160		J3	57.6	31
Pyridine	0.665	ND	ND	ND	37.7	42.5	1	10.0-120			12.6	40
2,4,5-Trichlorophenol	0.665	ND	0.376	0.442	56.6	66.0	1	20.0-120			16.0	30
2,4,6-Trichlorophenol	0.665	ND	0.377	0.436	56.7	65.2	1	19.0-120			14.5	32
Phenol	0.665	ND	0.355	0.401	53.4	59.9	1	12.0-120			12.1	38
(S) 2-Fluorophenol					*58.1*	*66.8*		*12.0-120*				
(S) Phenol-d5					*54.1*	*61.9*		*10.0-120*				

L1473087-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473087-08 03/24/22 19:51 • (MS) R3773823-3 03/24/22 20:12 • (MSD) R3773823-4 03/24/22 20:33

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Nitrobenzene-d5					*44.5*	*50.3*		*10.0-122*				
(S) 2-Fluorobiphenyl					*57.1*	*66.2*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*63.0*	*79.7*		*10.0-127*				
(S) p-Terphenyl-d14					*61.7*	*75.3*		*10.0-120*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
P	RPD between the primary and confirmatory analysis exceeded 40%.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
TRC - BNSF Region 4

17911 Von Karman Ave, Ste 400
Irvine, CA 92614

Billing Information:
Accounts Payable
17911 Von Karman Ave, Ste 400
Irvine, CA 92614

Pres Chk

Report to:
Cassie Fausel-Bretschger

Email To:
cfausel@trcsolutions.com;meaton@trcsolutions

Project Description:
BNSF - Barstow Norris Parcel

City/State Collected:

Please Circle: PT MT CT ET

Phone: 949-341-7472

Client Project #
484037.0000.0000

Lab Project #
BNSF4TRC-BARSTOW

Collected by (print): Paul Lee

Site/Facility ID #
Van Leeuwen

P.O. #
179387

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DRO/ORO 8ozClr-NoPres	GROCA 40mlAmb/MeOH10ml/Syr	M6010CAM17 8ozClr-NoPres	SV8081/8082 8ozClr-NoPres	SV8270 8ozClr-NoPres	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
SS6	grab	SS	2'	3/15/22	12:32	3	X	X	X	X	X	X		-01
SD1-10	grab	SS	10	3/16/22	845	3	X	X	X	X	X	X		-02
SB1-20	grab	SS	20	3/16/22	855	3	X	X	X	X	X	X		-03
SB1-30	grab	SS	30	3/16/22	905	3	X	X	X	X	X	X		-04
SB2-10	grab	SS	10	3/16/22	~~1000~~ 1010	3	X	X	X	X	X	X		-05
SB2-20	grab	SS	20	3/16/22	1020	3	X	X	X	X	X	X		-06
SB2-30	grab	SS	30	3/16/22	1030	3	X	X	X	X	X	X		-07
SB3-10	grab	SS	10	3/16/22	1145	3	X	X	X	X	X	X		-08
SB3-20	grab	SS	20	3/16/22	1155	3	X	X	X	X	X	X		-09
SB3-30	grab	SS	30	3/16/22	1205	3	X	X	X	X	X	X		-10

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 1973081
L-171

Acctnum: BNSF4TRC
Template: T205345
Prelogin: P911425
PM: 134 - Mark W. Beasley
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes/No HCL / MeoH TBR
	3/17/22	840	PACE	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.2 °C 3.3+0.3 / Bottles Received: 51
PACE	3/17/22	1630		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3/18/22 / Time: 800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
TRC - BNSF Region 4

17911 Von Karman Ave, Ste 400
Irvine, CA 92614

Billing Information:
Accounts Payable
17911 Von Karman Ave, Ste 400
Irvine, CA 92614

Pres Chk

Report to:
Cassie Fausel-Bretschger

Email To:
cfausel@trcsolutions.com;meaton@trcsolutions

Project Description:
BNSF - Barstow Norris Parcel

City/State Collected:

Please Circle: PT MT CT ET

Phone: **949-341-7472**

Client Project #
484037.0000.0000

Lab Project #
BNSF4TRC-BARSTOW

Collected by (print):
Paul Koo

Site/Facility ID #
Von Leaumen

P.O. #
179387

Collected by (signature):

Immediately Packed on Ice N___ Y✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DRO/ORO 8ozClr-NoPres	GROCA 40mlAmb/MeOH10ml/Syr	M6010CAM17 8ozClr-NoPres	SV8081/8082 8ozClr-NoPres	SV8270 8ozClr-NoPres	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
SS5	Grab	SS	2	3/16/22	1340	3	X	X	X	X	X	X		-11
SS4	Grab	SS	2	3/16/22	1355	3	X	X	X	X	X	X		-12
SS3	Grab	SS	2	3/16/22	1415	3	X	X	X	X	X	X		-13
SS2	Grab	SS	2	3/16/22	1440	3	X	X	X	X	X	X		-14
SS1	Grab	SS	2	3/16/22	1515	3	X	X	X	X	X	X		-15
SS8	Grab	SS	2	3/16/22	1550	3	X	X	X	X	X	X		-16
SS7	Grab	SS	2	3/16/22	1600	3	X	X	X	X	X	X		-17
		SS												
		SS												
		SS												

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 197308

Table #

Acctnum: **BNSF4TRC**
Template: **T205345**
Prelogin: **P911425**
PM: **134 - Mark W. Beasley**
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__UPS __FedEx __Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR	If preservation required by Login: Date/Time
	3/17/22	850	PACE		
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Temp: 12 °C Bottles Received:	
PACE	3/17/22	1630		3.3+0=3.3 5 1	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / (OK)
				3/18/22 800	

ANALYTICAL REPORT

March 24, 2022

TRC - BNSF Region 4

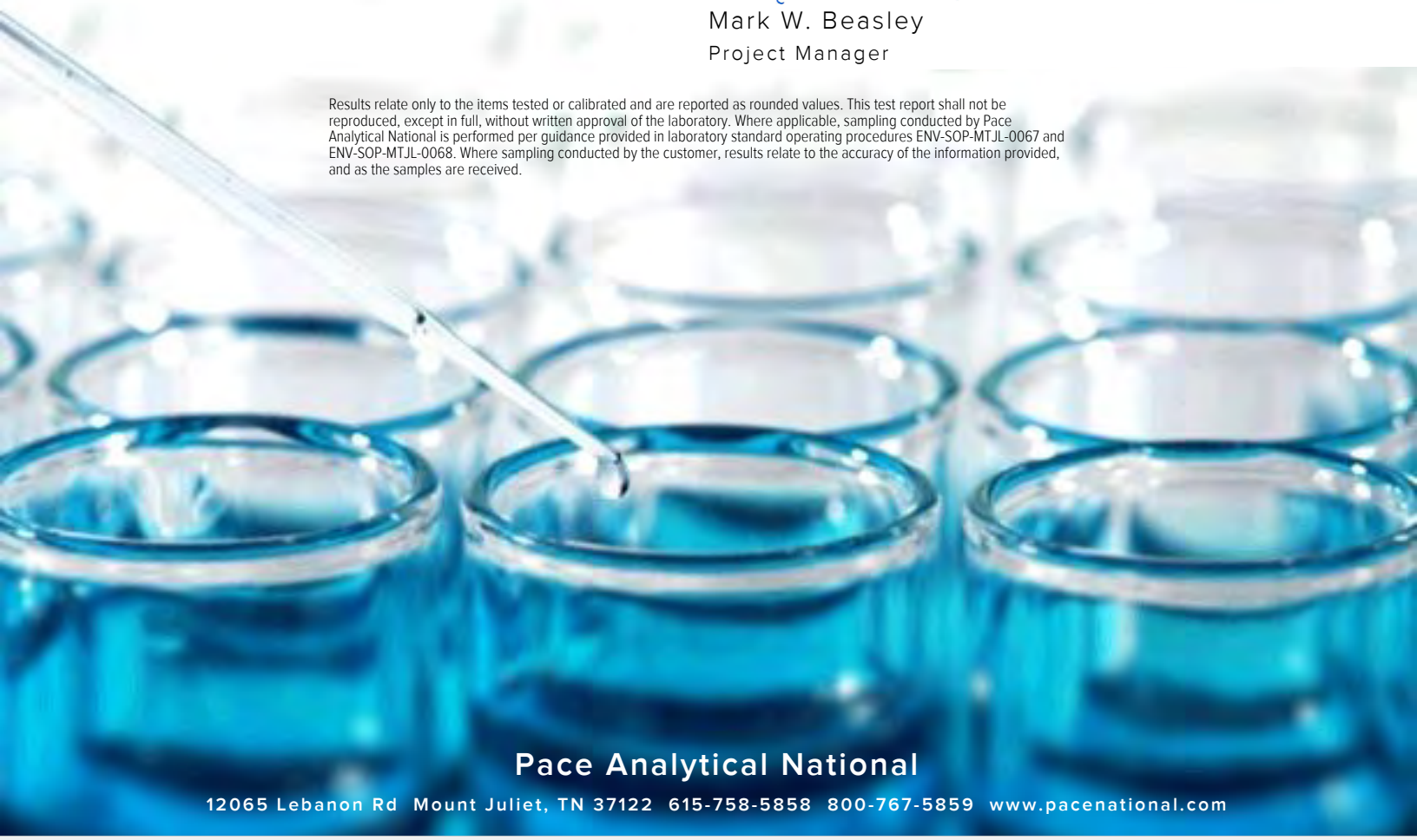
Sample Delivery Group:	L1472156
Samples Received:	03/16/2022
Project Number:	484037.0000.0000
Description:	BNSF - Barstow Vanleevwen

Report To: Cassie Fausel-Bretschger
17911 Von Karman Ave, Ste 400
Irvine, CA 92614

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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SAMPLE SUMMARY

RESIDENTIAL L1472156-01 GW

Collected by: Cassie F.
Collected date/time: 03/15/22 11:55
Received date/time: 03/16/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3500Cr C-2011	WG1836431	1	03/23/22 21:50	03/23/22 21:50	JER	Mt. Juliet, TN
Mercury by Method 7470A	WG1835876	1	03/22/22 09:37	03/23/22 11:17	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1834406	1	03/21/22 20:21	03/23/22 01:57	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1834412	1	03/22/22 00:37	03/22/22 11:39	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1835174	1	03/22/22 14:11	03/22/22 14:11	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1836001	1	03/22/22 00:27	03/22/22 00:27	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1836737	1	03/23/22 13:37	03/24/22 04:35	DMG	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1835266	1	03/20/22 09:44	03/21/22 11:58	AMM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG1835266	1	03/20/22 09:44	03/21/22 04:08	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1835142	1	03/20/22 22:46	03/21/22 20:39	JNJ	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Mark W. Beasley
Project Manager

Wet Chemistry by Method 3500Cr C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	03/23/2022 21:50	WG1836431

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	03/23/2022 11:17	WG1835876

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Barium	114		5.00	1	03/23/2022 01:57	WG1834406
Beryllium	ND		2.00	1	03/23/2022 01:57	WG1834406
Chromium	ND		10.0	1	03/23/2022 01:57	WG1834406
Cobalt	ND		10.0	1	03/23/2022 01:57	WG1834406
Molybdenum	ND		5.00	1	03/23/2022 01:57	WG1834406
Vanadium	28.7		20.0	1	03/23/2022 01:57	WG1834406

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	ND		4.00	1	03/22/2022 11:39	WG1834412
Arsenic	13.7		2.00	1	03/22/2022 11:39	WG1834412
Cadmium	ND		1.00	1	03/22/2022 11:39	WG1834412
Copper	14.1		5.00	1	03/22/2022 11:39	WG1834412
Lead	ND		2.00	1	03/22/2022 11:39	WG1834412
Nickel	ND		2.00	1	03/22/2022 11:39	WG1834412
Selenium	ND		2.00	1	03/22/2022 11:39	WG1834412
Silver	ND		2.00	1	03/22/2022 11:39	WG1834412
Thallium	ND		2.00	1	03/22/2022 11:39	WG1834412
Zinc	105		25.0	1	03/22/2022 11:39	WG1834412

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPHG C5 - C12	ND		100	1	03/22/2022 14:11	WG1835174
(S) a,a,a-Trifluorotoluene(FID)	*96.2*		*78.0-120*		*03/22/2022 14:11*	WG1835174

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	03/22/2022 00:27	WG1836001
Acrolein	ND		50.0	1	03/22/2022 00:27	WG1836001
Acrylonitrile	ND		10.0	1	03/22/2022 00:27	WG1836001
Benzene	ND		1.00	1	03/22/2022 00:27	WG1836001
Bromobenzene	ND	J4	1.00	1	03/22/2022 00:27	WG1836001
Bromodichloromethane	ND	J4	1.00	1	03/22/2022 00:27	WG1836001
Bromoform	ND		1.00	1	03/22/2022 00:27	WG1836001
Bromomethane	ND	J3	5.00	1	03/22/2022 00:27	WG1836001
n-Butylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
sec-Butylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
tert-Butylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
Carbon tetrachloride	ND		1.00	1	03/22/2022 00:27	WG1836001
Chlorobenzene	ND		1.00	1	03/22/2022 00:27	WG1836001

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	ND		1.00	1	03/22/2022 00:27	WG1836001
Chloroethane	ND		5.00	1	03/22/2022 00:27	WG1836001
Chloroform	ND		5.00	1	03/22/2022 00:27	WG1836001
Chloromethane	ND		2.50	1	03/22/2022 00:27	WG1836001
2-Chlorotoluene	ND		1.00	1	03/22/2022 00:27	WG1836001
4-Chlorotoluene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,2-Dibromo-3-Chloropropane	ND	J3	5.00	1	03/22/2022 00:27	WG1836001
1,2-Dibromoethane	ND		1.00	1	03/22/2022 00:27	WG1836001
Dibromomethane	ND		1.00	1	03/22/2022 00:27	WG1836001
1,2-Dichlorobenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,3-Dichlorobenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,4-Dichlorobenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
Dichlorodifluoromethane	ND		5.00	1	03/22/2022 00:27	WG1836001
1,1-Dichloroethane	ND		1.00	1	03/22/2022 00:27	WG1836001
1,2-Dichloroethane	ND		1.00	1	03/22/2022 00:27	WG1836001
1,1-Dichloroethene	ND		1.00	1	03/22/2022 00:27	WG1836001
cis-1,2-Dichloroethene	ND		1.00	1	03/22/2022 00:27	WG1836001
trans-1,2-Dichloroethene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,2-Dichloropropane	ND		1.00	1	03/22/2022 00:27	WG1836001
1,1-Dichloropropene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,3-Dichloropropane	ND		1.00	1	03/22/2022 00:27	WG1836001
cis-1,3-Dichloropropene	ND		1.00	1	03/22/2022 00:27	WG1836001
trans-1,3-Dichloropropene	ND		1.00	1	03/22/2022 00:27	WG1836001
2,2-Dichloropropane	ND		1.00	1	03/22/2022 00:27	WG1836001
Di-isopropyl ether	ND		1.00	1	03/22/2022 00:27	WG1836001
Ethylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
Hexachloro-1,3-butadiene	ND		1.00	1	03/22/2022 00:27	WG1836001
Isopropylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
p-Isopropyltoluene	ND		1.00	1	03/22/2022 00:27	WG1836001
2-Butanone (MEK)	ND		10.0	1	03/22/2022 00:27	WG1836001
Methylene Chloride	ND		5.00	1	03/22/2022 00:27	WG1836001
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/22/2022 00:27	WG1836001
Methyl tert-butyl ether	ND		1.00	1	03/22/2022 00:27	WG1836001
Naphthalene	ND		5.00	1	03/22/2022 00:27	WG1836001
n-Propylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
Styrene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,1,1,2-Tetrachloroethane	ND		1.00	1	03/22/2022 00:27	WG1836001
1,1,2,2-Tetrachloroethane	ND	J4	1.00	1	03/22/2022 00:27	WG1836001
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/22/2022 00:27	WG1836001
Tetrachloroethene	ND		1.00	1	03/22/2022 00:27	WG1836001
Toluene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,2,3-Trichlorobenzene	ND	J3	1.00	1	03/22/2022 00:27	WG1836001
1,2,4-Trichlorobenzene	ND	J3	1.00	1	03/22/2022 00:27	WG1836001
1,1,1-Trichloroethane	ND		1.00	1	03/22/2022 00:27	WG1836001
1,1,2-Trichloroethane	ND		1.00	1	03/22/2022 00:27	WG1836001
Trichloroethene	ND		1.00	1	03/22/2022 00:27	WG1836001
Trichlorofluoromethane	ND		5.00	1	03/22/2022 00:27	WG1836001
1,2,3-Trichloropropane	ND		2.50	1	03/22/2022 00:27	WG1836001
1,2,4-Trimethylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,2,3-Trimethylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
1,3,5-Trimethylbenzene	ND		1.00	1	03/22/2022 00:27	WG1836001
Vinyl chloride	ND		1.00	1	03/22/2022 00:27	WG1836001
Xylenes, Total	ND		3.00	1	03/22/2022 00:27	WG1836001
(S) Toluene-d8	*104*		*80.0-120*		*03/22/2022 00:27*	WG1836001
(S) 4-Bromofluorobenzene	*92.9*		*77.0-126*		*03/22/2022 00:27*	WG1836001
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*03/22/2022 00:27*	WG1836001

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
C12-C22 Hydrocarbons	ND		100	1	03/24/2022 04:35	WG1836737
C22-C32 Hydrocarbons	ND		100	1	03/24/2022 04:35	WG1836737
C32-C40 Hydrocarbons	ND		100	1	03/24/2022 04:35	WG1836737
(S) o-Terphenyl	*113*		*52.0-156*		*03/24/2022 04:35*	WG1836737

Pesticides (GC) by Method 8081

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Aldrin	ND		0.0500	1	03/21/2022 11:58	WG1835266
Alpha BHC	ND		0.0500	1	03/21/2022 11:58	WG1835266
Beta BHC	ND		0.0500	1	03/21/2022 11:58	WG1835266
Delta BHC	ND		0.0500	1	03/21/2022 11:58	WG1835266
Gamma BHC	ND		0.0500	1	03/21/2022 11:58	WG1835266
Chlordane	ND		5.00	1	03/21/2022 11:58	WG1835266
4,4-DDD	ND		0.0500	1	03/21/2022 11:58	WG1835266
4,4-DDE	ND		0.0500	1	03/21/2022 11:58	WG1835266
4,4-DDT	ND		0.0500	1	03/21/2022 11:58	WG1835266
Dieldrin	ND		0.0500	1	03/21/2022 11:58	WG1835266
Endosulfan I	ND		0.0500	1	03/21/2022 11:58	WG1835266
Endosulfan II	ND		0.0500	1	03/21/2022 11:58	WG1835266
Endosulfan sulfate	ND		0.0500	1	03/21/2022 11:58	WG1835266
Endrin	ND		0.0500	1	03/21/2022 11:58	WG1835266
Endrin aldehyde	ND		0.0500	1	03/21/2022 11:58	WG1835266
Endrin ketone	ND		0.0500	1	03/21/2022 11:58	WG1835266
Heptachlor	ND		0.0500	1	03/21/2022 11:58	WG1835266
Heptachlor epoxide	ND		0.0500	1	03/21/2022 11:58	WG1835266
Hexachlorobenzene	ND		0.0500	1	03/21/2022 11:58	WG1835266
Methoxychlor	ND		0.0500	1	03/21/2022 11:58	WG1835266
Toxaphene	ND		0.500	1	03/21/2022 11:58	WG1835266
(S) Decachlorobiphenyl	*49.6*		*10.0-128*		*03/21/2022 11:58*	WG1835266
(S) Tetrachloro-m-xylene	*69.5*		*10.0-127*		*03/21/2022 11:58*	WG1835266

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
PCB 1016	ND		0.500	1	03/21/2022 04:08	WG1835266
PCB 1221	ND		0.500	1	03/21/2022 04:08	WG1835266
PCB 1232	ND		0.500	1	03/21/2022 04:08	WG1835266
PCB 1242	ND		0.500	1	03/21/2022 04:08	WG1835266
PCB 1248	ND		0.500	1	03/21/2022 04:08	WG1835266
PCB 1254	ND		0.500	1	03/21/2022 04:08	WG1835266
PCB 1260	ND		0.500	1	03/21/2022 04:08	WG1835266
Total PCBs	ND		0.500	1	03/21/2022 04:08	WG1835266
(S) Decachlorobiphenyl	*63.1*		*10.0-128*		*03/21/2022 04:08*	WG1835266
(S) Tetrachloro-m-xylene	*76.5*		*10.0-127*		*03/21/2022 04:08*	WG1835266

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acenaphthene	ND		1.00	1	03/21/2022 20:39	WG1835142
Acenaphthylene	ND		1.00	1	03/21/2022 20:39	WG1835142
Anthracene	ND		1.00	1	03/21/2022 20:39	WG1835142
Benzidine	ND	J3	10.0	1	03/21/2022 20:39	WG1835142
Benzo(a)anthracene	ND		1.00	1	03/21/2022 20:39	WG1835142
Benzo(b)fluoranthene	ND		1.00	1	03/21/2022 20:39	WG1835142

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzo(k)fluoranthene	ND		1.00	1	03/21/2022 20:39	WG1835142
Benzo(g,h,i)perylene	ND		1.00	1	03/21/2022 20:39	WG1835142
Benzo(a)pyrene	ND		1.00	1	03/21/2022 20:39	WG1835142
Bis(2-chlorethoxy)methane	ND		10.0	1	03/21/2022 20:39	WG1835142
Bis(2-chloroethyl)ether	ND		10.0	1	03/21/2022 20:39	WG1835142
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	03/21/2022 20:39	WG1835142
4-Bromophenyl-phenylether	ND		10.0	1	03/21/2022 20:39	WG1835142
2-Chloronaphthalene	ND		1.00	1	03/21/2022 20:39	WG1835142
4-Chlorophenyl-phenylether	ND		10.0	1	03/21/2022 20:39	WG1835142
Chrysene	ND		1.00	1	03/21/2022 20:39	WG1835142
Dibenz(a,h)anthracene	ND		1.00	1	03/21/2022 20:39	WG1835142
3,3-Dichlorobenzidine	ND	J4	10.0	1	03/21/2022 20:39	WG1835142
2,4-Dinitrotoluene	ND		10.0	1	03/21/2022 20:39	WG1835142
2,6-Dinitrotoluene	ND		10.0	1	03/21/2022 20:39	WG1835142
Fluoranthene	ND		1.00	1	03/21/2022 20:39	WG1835142
Fluorene	ND		1.00	1	03/21/2022 20:39	WG1835142
Hexachlorobenzene	ND		1.00	1	03/21/2022 20:39	WG1835142
Hexachloro-1,3-butadiene	ND		10.0	1	03/21/2022 20:39	WG1835142
Hexachlorocyclopentadiene	ND		10.0	1	03/21/2022 20:39	WG1835142
Hexachloroethane	ND		10.0	1	03/21/2022 20:39	WG1835142
Indeno(1,2,3-cd)pyrene	ND		1.00	1	03/21/2022 20:39	WG1835142
Isophorone	ND		10.0	1	03/21/2022 20:39	WG1835142
Naphthalene	ND		1.00	1	03/21/2022 20:39	WG1835142
Nitrobenzene	ND		10.0	1	03/21/2022 20:39	WG1835142
n-Nitrosodimethylamine	ND		10.0	1	03/21/2022 20:39	WG1835142
n-Nitrosodiphenylamine	ND		10.0	1	03/21/2022 20:39	WG1835142
n-Nitrosodi-n-propylamine	ND		10.0	1	03/21/2022 20:39	WG1835142
Phenanthrene	ND		1.00	1	03/21/2022 20:39	WG1835142
Benzylbutyl phthalate	ND		3.00	1	03/21/2022 20:39	WG1835142
Bis(2-ethylhexyl)phthalate	ND		3.00	1	03/21/2022 20:39	WG1835142
Di-n-butyl phthalate	ND		3.00	1	03/21/2022 20:39	WG1835142
Diethyl phthalate	ND		3.00	1	03/21/2022 20:39	WG1835142
Dimethyl phthalate	ND		3.00	1	03/21/2022 20:39	WG1835142
Di-n-octyl phthalate	ND		3.00	1	03/21/2022 20:39	WG1835142
Pyrene	ND		1.00	1	03/21/2022 20:39	WG1835142
1,2,4-Trichlorobenzene	ND		10.0	1	03/21/2022 20:39	WG1835142
4-Chloro-3-methylphenol	ND		10.0	1	03/21/2022 20:39	WG1835142
2-Chlorophenol	ND		10.0	1	03/21/2022 20:39	WG1835142
2,4-Dichlorophenol	ND		10.0	1	03/21/2022 20:39	WG1835142
2,4-Dimethylphenol	ND		10.0	1	03/21/2022 20:39	WG1835142
4,6-Dinitro-2-methylphenol	ND		10.0	1	03/21/2022 20:39	WG1835142
2,4-Dinitrophenol	ND		10.0	1	03/21/2022 20:39	WG1835142
2-Nitrophenol	ND		10.0	1	03/21/2022 20:39	WG1835142
4-Nitrophenol	ND		10.0	1	03/21/2022 20:39	WG1835142
Pentachlorophenol	ND		10.0	1	03/21/2022 20:39	WG1835142
Phenol	ND		10.0	1	03/21/2022 20:39	WG1835142
2,4,6-Trichlorophenol	ND		10.0	1	03/21/2022 20:39	WG1835142
(S) 2-Fluorophenol	*36.6*		*10.0-120*		*03/21/2022 20:39*	WG1835142
(S) Phenol-d5	*22.4*		*10.0-120*		*03/21/2022 20:39*	WG1835142
(S) Nitrobenzene-d5	*66.8*		*10.0-127*		*03/21/2022 20:39*	WG1835142
(S) 2-Fluorobiphenyl	*63.3*		*10.0-130*		*03/21/2022 20:39*	WG1835142
(S) 2,4,6-Tribromophenol	*72.0*		*10.0-155*		*03/21/2022 20:39*	WG1835142
(S) p-Terphenyl-d14	*74.5*		*10.0-128*		*03/21/2022 20:39*	WG1835142

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3773649-1 03/23/22 18:43

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexavalent Chromium	U		0.150	0.500

L1472156-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1472156-01 03/23/22 21:50 • (DUP) R3773649-5 03/23/22 21:58

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	ND	ND	1	0.000		20

L1471930-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1471930-01 03/24/22 14:07 • (DUP) R3773649-7 03/24/22 14:15

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	2.72	2.71	5	0.587		20

Laboratory Control Sample (LCS)

(LCS) R3773649-2 03/23/22 18:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	2.00	2.01	101	90.0-110	

L1471939-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1471939-01 03/23/22 19:16 • (MS) R3773649-3 03/23/22 19:24 • (MSD) R3773649-4 03/23/22 19:32

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexavalent Chromium	50.0	ND	50.6	51.2	101	102	1	90.0-110			1.20	20

L1472722-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1472722-04 03/23/22 22:06 • (MS) R3773649-6 03/23/22 22:13

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	50.0	ND	50.2	100	1	90.0-110	

Method Blank (MB)

(MB) R3773055-1 03/23/22 10:26

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Mercury	U		0.100	0.200

Laboratory Control Sample (LCS)

(LCS) R3773055-2 03/23/22 10:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	3.00	3.32	111	80.0-120	

L1470747-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1470747-06 03/23/22 10:30 • (MS) R3773055-3 03/23/22 10:36 • (MSD) R3773055-4 03/23/22 10:38

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	3.00	ND	3.33	3.24	111	108	1	75.0-125			2.79	20

Method Blank (MB)

(MB) R3772851-1 03/23/22 00:48

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Barium	U		0.736	5.00
Beryllium	U		0.330	2.00
Chromium	U		1.40	10.0
Cobalt	U		0.840	10.0
Molybdenum	U		1.16	5.00
Vanadium	U		4.99	20.0

Laboratory Control Sample (LCS)

(LCS) R3772851-2 03/23/22 00:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Barium	1000	1030	103	80.0-120	
Beryllium	1000	1010	101	80.0-120	
Chromium	1000	969	96.9	80.0-120	
Cobalt	1000	991	99.1	80.0-120	
Molybdenum	1000	979	97.9	80.0-120	
Vanadium	1000	1000	100	80.0-120	

L1472144-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1472144-01 03/23/22 00:54 • (MS) R3772851-4 03/23/22 01:00 • (MSD) R3772851-5 03/23/22 01:03

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Barium	1000	13.7	1030	1040	102	102	1	75.0-125			0.248	20
Beryllium	1000	ND	994	1000	99.4	100	1	75.0-125			0.607	20
Chromium	1000	ND	976	980	97.6	98.0	1	75.0-125			0.417	20
Cobalt	1000	ND	1000	1010	100	100	1	75.0-125			0.315	20
Molybdenum	1000	ND	986	976	98.2	97.2	1	75.0-125			0.988	20
Vanadium	1000	ND	999	1010	99.9	101	1	75.0-125			0.694	20

QUALITY CONTROL SUMMARY

L1472156-01

Method Blank (MB)

(MB) R3772558-1 03/22/22 11:19

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		1.03	4.00
Arsenic	U		0.180	2.00
Cadmium	U		0.150	1.00
Copper	U		1.51	5.00
Lead	U		0.849	2.00
Nickel	U		0.816	2.00
Selenium	U		0.300	2.00
Silver	U		0.0700	2.00
Thallium	U		0.121	2.00
Zinc	U		3.02	25.0

Laboratory Control Sample (LCS)

(LCS) R3772558-2 03/22/22 11:22

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	47.7	95.4	80.0-120	
Arsenic	50.0	46.6	93.3	80.0-120	
Cadmium	50.0	50.6	101	80.0-120	
Copper	50.0	41.1	82.3	80.0-120	
Lead	50.0	45.7	91.4	80.0-120	
Nickel	50.0	49.7	99.4	80.0-120	
Selenium	50.0	50.6	101	80.0-120	
Silver	50.0	48.2	96.3	80.0-120	
Thallium	50.0	45.3	90.5	80.0-120	
Zinc	500	465	93.0	80.0-120	

L1471724-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1471724-04 03/22/22 11:26 • (MS) R3772558-4 03/22/22 11:32 • (MSD) R3772558-5 03/22/22 11:35

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	50.0	ND	49.0	49.5	98.0	99.0	1	75.0-125			1.05	20
Arsenic	50.0	ND	47.5	47.9	95.0	95.7	1	75.0-125			0.748	20
Cadmium	50.0	3.16	53.6	53.6	101	101	1	75.0-125			0.140	20
Copper	50.0	ND	42.1	41.5	84.3	83.0	1	75.0-125			1.60	20
Lead	50.0	ND	47.0	47.2	94.1	94.4	1	75.0-125			0.398	20
Nickel	50.0	3.09	53.1	53.1	100	100	1	75.0-125			0.0355	20
Selenium	50.0	ND	51.6	51.4	103	103	1	75.0-125			0.520	20

L1471724-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1471724-04 03/22/22 11:26 • (MS) R3772558-4 03/22/22 11:32 • (MSD) R3772558-5 03/22/22 11:35

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Silver	50.0	ND	48.8	48.6	97.6	97.2	1	75.0-125			0.471	20
Thallium	50.0	ND	48.3	47.1	96.7	94.2	1	75.0-125			2.61	20
Zinc	500	ND	484	484	94.7	94.7	1	75.0-125			0.0660	20

Method Blank (MB)

(MB) R3772816-1 03/22/22 13:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPHG C5 - C12	U		30.4	100
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3772816-2 03/22/22 14:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5500	5160	93.8	71.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*99.3*	*78.0-120*	

Method Blank (MB)

(MB) R3772375-4 03/21/22 20:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

Method Blank (MB)

(MB) R3772375-4 03/21/22 20:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3772375-1 03/21/22 18:49 • (LCSD) R3772375-2 03/21/22 19:10

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	26.1	26.5	104	106	19.0-160			1.52	27
Acrolein	25.0	11.9	11.2	47.6	44.8	10.0-160			6.06	26
Acrylonitrile	25.0	28.5	26.0	114	104	55.0-149			9.17	20
Benzene	5.00	5.56	6.16	111	123	70.0-123			10.2	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3772375-1 03/21/22 18:49 • (LCSD) R3772375-2 03/21/22 19:10

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	5.00	5.54	6.19	111	124	73.0-121		J4	11.1	20
Bromodichloromethane	5.00	5.43	6.16	109	123	75.0-120		J4	12.6	20
Bromoform	5.00	3.85	4.39	77.0	87.8	68.0-132			13.1	20
Bromomethane	5.00	1.50	1.99	30.0	39.8	10.0-160		J3	28.1	25
n-Butylbenzene	5.00	5.02	5.96	100	119	73.0-125			17.1	20
sec-Butylbenzene	5.00	5.16	5.65	103	113	75.0-125			9.07	20
tert-Butylbenzene	5.00	4.49	5.22	89.8	104	76.0-124			15.0	20
Carbon tetrachloride	5.00	4.75	5.34	95.0	107	68.0-126			11.7	20
Chlorobenzene	5.00	4.38	4.80	87.6	96.0	80.0-121			9.15	20
Chlorodibromomethane	5.00	4.20	4.79	84.0	95.8	77.0-125			13.1	20
Chloroethane	5.00	5.92	6.54	118	131	47.0-150			9.95	20
Chloroform	5.00	5.27	5.81	105	116	73.0-120			9.75	20
Chloromethane	5.00	4.63	5.35	92.6	107	41.0-142			14.4	20
2-Chlorotoluene	5.00	5.49	6.09	110	122	76.0-123			10.4	20
4-Chlorotoluene	5.00	5.26	5.81	105	116	75.0-122			9.94	20
1,2-Dibromo-3-Chloropropane	5.00	3.72	4.62	74.4	92.4	58.0-134		J3	21.6	20
1,2-Dibromoethane	5.00	4.47	4.83	89.4	96.6	80.0-122			7.74	20
Dibromomethane	5.00	5.76	5.71	115	114	80.0-120			0.872	20
1,2-Dichlorobenzene	5.00	4.64	5.26	92.8	105	79.0-121			12.5	20
1,3-Dichlorobenzene	5.00	4.49	5.14	89.8	103	79.0-120			13.5	20
1,4-Dichlorobenzene	5.00	4.47	5.06	89.4	101	79.0-120			12.4	20
Dichlorodifluoromethane	5.00	5.45	6.22	109	124	51.0-149			13.2	20
1,1-Dichloroethane	5.00	5.60	6.03	112	121	70.0-126			7.39	20
1,2-Dichloroethane	5.00	5.50	5.99	110	120	70.0-128			8.53	20
1,1-Dichloroethene	5.00	4.70	5.04	94.0	101	71.0-124			6.98	20
cis-1,2-Dichloroethene	5.00	4.97	5.65	99.4	113	73.0-120			12.8	20
trans-1,2-Dichloroethene	5.00	5.13	5.51	103	110	73.0-120			7.14	20
1,2-Dichloropropane	5.00	5.82	6.27	116	125	77.0-125			7.44	20
1,1-Dichloropropene	5.00	5.19	5.91	104	118	74.0-126			13.0	20
1,3-Dichloropropane	5.00	5.07	5.60	101	112	80.0-120			9.93	20
cis-1,3-Dichloropropene	5.00	5.19	5.54	104	111	80.0-123			6.52	20
trans-1,3-Dichloropropene	5.00	4.41	4.98	88.2	99.6	78.0-124			12.1	20
2,2-Dichloropropane	5.00	5.68	6.37	114	127	58.0-130			11.5	20
Di-isopropyl ether	5.00	5.13	5.58	103	112	58.0-138			8.40	20
Ethylbenzene	5.00	4.41	4.84	88.2	96.8	79.0-123			9.30	20
Hexachloro-1,3-butadiene	5.00	4.02	4.80	80.4	96.0	54.0-138			17.7	20
Isopropylbenzene	5.00	4.28	4.76	85.6	95.2	76.0-127			10.6	20
p-Isopropyltoluene	5.00	4.65	5.39	93.0	108	76.0-125			14.7	20
2-Butanone (MEK)	25.0	26.0	27.1	104	108	44.0-160			4.14	20
Methylene Chloride	5.00	4.96	5.59	99.2	112	67.0-120			11.9	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3772375-1 03/21/22 18:49 • (LCSD) R3772375-2 03/21/22 19:10

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	25.1	26.9	100	108	68.0-142			6.92	20
Methyl tert-butyl ether	5.00	5.19	5.91	104	118	68.0-125			13.0	20
Naphthalene	5.00	3.20	3.82	64.0	76.4	54.0-135			17.7	20
n-Propylbenzene	5.00	5.27	5.93	105	119	77.0-124			11.8	20
Styrene	5.00	4.18	4.48	83.6	89.6	73.0-130			6.93	20
1,1,1,2-Tetrachloroethane	5.00	4.11	4.66	82.2	93.2	75.0-125			12.5	20
1,1,2,2-Tetrachloroethane	5.00	6.13	6.77	123	135	65.0-130		J4	9.92	20
1,1,2-Trichlorotrifluoroethane	5.00	4.62	5.34	92.4	107	69.0-132			14.5	20
Tetrachloroethene	5.00	4.36	4.76	87.2	95.2	72.0-132			8.77	20
Toluene	5.00	5.01	5.48	100	110	79.0-120			8.96	20
1,2,3-Trichlorobenzene	5.00	3.48	4.48	69.6	89.6	50.0-138		J3	25.1	20
1,2,4-Trichlorobenzene	5.00	3.21	4.12	64.2	82.4	57.0-137		J3	24.8	20
1,1,1-Trichloroethane	5.00	5.03	5.66	101	113	73.0-124			11.8	20
1,1,2-Trichloroethane	5.00	4.84	5.28	96.8	106	80.0-120			8.70	20
Trichloroethene	5.00	4.32	4.67	86.4	93.4	78.0-124			7.79	20
Trichlorofluoromethane	5.00	4.77	5.55	95.4	111	59.0-147			15.1	20
1,2,3-Trichloropropane	5.00	5.57	5.70	111	114	73.0-130			2.31	20
1,2,4-Trimethylbenzene	5.00	5.04	5.63	101	113	76.0-121			11.1	20
1,2,3-Trimethylbenzene	5.00	5.22	5.67	104	113	77.0-120			8.26	20
1,3,5-Trimethylbenzene	5.00	5.19	5.97	104	119	76.0-122			14.0	20
Vinyl chloride	5.00	5.30	5.85	106	117	67.0-131			9.87	20
Xylenes, Total	15.0	12.8	14.3	85.3	95.3	79.0-123			11.1	20
(S) Toluene-d8				*101*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.0*	*98.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*115*	*115*	*70.0-130*				

Method Blank (MB)

(MB) R3773337-1 03/23/22 19:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
C12-C22 Hydrocarbons	U		33.0	100
C22-C32 Hydrocarbons	U		33.0	100
C32-C40 Hydrocarbons	U		33.0	100
(S) o-Terphenyl	*115*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3773337-2 03/23/22 20:09 • (LCSD) R3773337-3 03/23/22 20:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
C12-C22 Hydrocarbons	750	809	824	108	110	50.0-150			1.84	20
C22-C32 Hydrocarbons	750	753	777	100	104	50.0-150			3.14	20
(S) o-Terphenyl				*128*	*129*	*52.0-156*				

Method Blank (MB)

(MB) R3772068-1 03/21/22 03:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Aldrin	U		0.0198	0.0500
Alpha BHC	U		0.0172	0.0500
Beta BHC	U		0.0208	0.0500
Delta BHC	U		0.0150	0.0500
Gamma BHC	U		0.0209	0.0500
Chlordane	U		0.0198	5.00
4,4-DDD	U		0.0177	0.0500
4,4-DDE	U		0.0154	0.0500
4,4-DDT	U		0.0198	0.0500
Dieldrin	U		0.0162	0.0500
Endosulfan I	U		0.0160	0.0500
Endosulfan II	U		0.0164	0.0500
Endosulfan sulfate	U		0.0217	0.0500
Endrin	U		0.0161	0.0500
Endrin aldehyde	U		0.0237	0.0500
Endrin ketone	U		0.0219	0.0500
Heptachlor	U		0.0148	0.0500
Heptachlor epoxide	U		0.0183	0.0500
Hexachlorobenzene	U		0.0176	0.0500
Methoxychlor	U		0.0193	0.0500
Toxaphene	U		0.168	0.500
(S) Decachlorobiphenyl	*55.5*			*10.0-128*
(S) Tetrachloro-m-xylene	*74.0*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3772068-2 03/21/22 03:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	1.00	0.798	79.8	22.0-124	
Alpha BHC	1.00	0.892	89.2	54.0-130	
Beta BHC	1.00	0.919	91.9	53.0-136	
Delta BHC	1.00	0.830	83.0	54.0-133	
Gamma BHC	1.00	0.896	89.6	55.0-129	
4,4-DDD	1.00	0.890	89.0	56.0-140	
4,4-DDE	1.00	0.900	90.0	52.0-128	
4,4-DDT	1.00	0.892	89.2	50.0-141	
Dieldrin	1.00	0.900	90.0	59.0-133	
Endosulfan I	1.00	0.870	87.0	57.0-131	

Laboratory Control Sample (LCS)

(LCS) R3772068-2 03/21/22 03:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	1.00	0.912	91.2	58.0-133	
Endosulfan sulfate	1.00	0.876	87.6	58.0-133	
Endrin	1.00	0.875	87.5	57.0-134	
Endrin aldehyde	1.00	0.792	79.2	53.0-129	
Endrin ketone	1.00	0.891	89.1	60.0-145	
Heptachlor	1.00	0.836	83.6	27.0-132	
Heptachlor epoxide	1.00	0.864	86.4	57.0-130	
Hexachlorobenzene	1.00	0.860	86.0	30.0-114	
Methoxychlor	1.00	0.895	89.5	54.0-155	
(S) Decachlorobiphenyl			*62.3*	*10.0-128*	
(S) Tetrachloro-m-xylene			*70.8*	*10.0-127*	

L1473143-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473143-01 03/21/22 08:05 • (MS) R3772068-3 03/21/22 08:18 • (MSD) R3772068-4 03/21/22 08:30

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	1.00	ND	0.893	0.873	89.3	87.3	1	10.0-141			2.27	40
Alpha BHC	1.00	ND	0.885	0.931	88.5	93.1	1	10.0-145			5.07	40
Beta BHC	1.00	ND	0.945	0.990	94.5	99.0	1	14.0-146			4.65	35
Delta BHC	1.00	ND	0.847	0.883	84.7	88.3	1	17.0-143			4.16	38
Gamma BHC	1.00	ND	0.922	0.962	92.2	96.2	1	14.0-141			4.25	40
4,4-DDD	1.00	ND	0.918	0.975	91.8	97.5	1	10.0-160			6.02	38
4,4-DDE	1.00	ND	0.935	1.01	93.5	101	1	10.0-159			7.71	35
4,4-DDT	1.00	ND	0.914	0.998	91.4	99.8	1	10.0-160			8.79	38
Dieldrin	1.00	ND	0.918	0.958	91.8	95.8	1	10.0-158			4.26	38
Endosulfan I	1.00	0.0917	0.958	0.993	86.6	90.1	1	10.0-153			3.59	36
Endosulfan II	1.00	ND	0.876	0.919	87.6	91.9	1	10.0-159			4.79	39
Endosulfan sulfate	1.00	ND	0.898	0.949	89.8	94.9	1	23.0-147			5.52	35
Endrin	1.00	ND	0.899	0.941	89.9	94.1	1	10.0-160			4.57	39
Endrin aldehyde	1.00	ND	0.834	0.903	83.4	90.3	1	10.0-148			7.94	38
Endrin ketone	1.00	ND	0.893	0.958	89.3	95.8	1	10.0-160			7.02	40
Heptachlor	1.00	ND	0.890	0.892	89.0	89.2	1	16.0-136			0.224	40
Heptachlor epoxide	1.00	ND	0.862	0.904	86.2	90.4	1	10.0-160			4.76	36
Hexachlorobenzene	1.00	ND	0.908	0.893	90.8	89.3	1	10.0-130			1.67	40
Methoxychlor	1.00	ND	0.941	1.02	94.1	102	1	10.0-160			8.06	34
(S) Decachlorobiphenyl					*73.2*	*70.6*		*10.0-128*				
(S) Tetrachloro-m-xylene					*76.8*	*76.4*		*10.0-127*				

Method Blank (MB)

(MB) R3772068-1 03/21/22 03:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
PCB 1016	U		0.270	0.500
PCB 1221	U		0.270	0.500
PCB 1232	U		0.270	0.500
PCB 1242	U		0.270	0.500
PCB 1248	U		0.173	0.500
PCB 1254	U		0.173	0.500
PCB 1260	U		0.173	0.500
Total PCBs	U		0.173	0.500
(S) Decachlorobiphenyl	*63.8*			*10.0-128*
(S) Tetrachloro-m-xylene	*84.0*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3772068-5 03/21/22 03:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1016	2.50	2.91	116	36.0-135	P
PCB 1260	2.50	2.99	120	42.0-131	P
(S) Decachlorobiphenyl			*101*	*10.0-128*	
(S) Tetrachloro-m-xylene			*91.7*	*10.0-127*	

L1473143-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1473143-01 03/21/22 08:05 • (MS) R3772068-6 03/21/22 08:42 • (MSD) R3772068-7 03/21/22 08:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1016	2.50	ND	3.22	3.00	129	120	1	11.0-160	P	P	7.07	38
PCB 1260	2.50	ND	2.86	2.76	114	110	1	20.0-142	P	P	3.56	27
(S) Decachlorobiphenyl					*106*	*95.3*		*10.0-128*				
(S) Tetrachloro-m-xylene					*86.2*	*81.3*		*10.0-127*				

Method Blank (MB)

(MB) R3772500-4 03/21/22 17:25

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acenaphthene	U		0.0886	1.00
Acenaphthylene	U		0.0921	1.00
Anthracene	U		0.0804	1.00
Benzidine	U		3.74	10.0
Benzo(a)anthracene	U		0.199	1.00
Benzo(b)fluoranthene	U		0.130	1.00
Benzo(k)fluoranthene	U		0.120	1.00
Benzo(g,h,i)perylene	U		0.121	1.00
Benzo(a)pyrene	U		0.0381	1.00
Bis(2-chlorethoxy)methane	U		0.116	10.0
Bis(2-chloroethyl)ether	U		0.137	10.0
2,2-oxybis(1-chloropropane)	U		0.210	10.0
4-Bromophenyl-phenylether	U		0.0877	10.0
2-Chloronaphthalene	U		0.0648	1.00
4-Chlorophenyl-phenylether	U		0.0926	10.0
Chrysene	U		0.130	1.00
Dibenz(a,h)anthracene	U		0.0644	1.00
3,3-Dichlorobenzidine	U		0.212	10.0
2,4-Dinitrotoluene	U		0.0983	10.0
2,6-Dinitrotoluene	U		0.250	10.0
Fluoranthene	U		0.102	1.00
Fluorene	U		0.0844	1.00
Hexachlorobenzene	U		0.0755	1.00
Hexachloro-1,3-butadiene	U		0.0968	10.0
Hexachlorocyclopentadiene	U		0.0598	10.0
Hexachloroethane	U		0.127	10.0
Indeno(1,2,3-cd)pyrene	U		0.279	1.00
Isophorone	U		0.143	10.0
Naphthalene	U		0.159	1.00
Nitrobenzene	U		0.297	10.0
n-Nitrosodimethylamine	U		0.998	10.0
n-Nitrosodiphenylamine	U		2.37	10.0
n-Nitrosodi-n-propylamine	U		0.261	10.0
Phenanthrene	U		0.112	1.00
Benzylbutyl phthalate	U		0.765	3.00
Bis(2-ethylhexyl)phthalate	U		0.895	3.00
Di-n-butyl phthalate	U		0.453	3.00
Diethyl phthalate	U		0.287	3.00
Dimethyl phthalate	U		0.260	3.00
Di-n-octyl phthalate	U		0.932	3.00

Method Blank (MB)

(MB) R3772500-4 03/21/22 17:25

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Pyrene	U		0.107	1.00
1,2,4-Trichlorobenzene	U		0.0698	10.0
4-Chloro-3-methylphenol	U		0.131	10.0
2-Chlorophenol	U		0.133	10.0
2,4-Dichlorophenol	U		0.102	10.0
2,4-Dimethylphenol	U		0.0636	10.0
4,6-Dinitro-2-methylphenol	U		1.12	10.0
2,4-Dinitrophenol	U		5.93	10.0
2-Nitrophenol	U		0.117	10.0
4-Nitrophenol	U		0.143	10.0
Pentachlorophenol	U		0.313	10.0
Phenol	U		4.33	10.0
2,4,6-Trichlorophenol	U		0.100	10.0
(S) 2-Fluorophenol	*44.6*			*10.0-120*
(S) Phenol-d5	*26.2*			*10.0-120*
(S) Nitrobenzene-d5	*78.5*			*10.0-127*
(S) 2-Fluorobiphenyl	*76.5*			*10.0-130*
(S) 2,4,6-Tribromophenol	*80.0*			*10.0-155*
(S) p-Terphenyl-d14	*85.9*			*10.0-128*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3772500-1 03/21/22 16:20 • (LCSD) R3772500-2 03/21/22 16:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acenaphthene	50.0	46.6	42.6	93.2	85.2	41.0-120			8.97	22
Acenaphthylene	50.0	46.7	43.5	93.4	87.0	43.0-120			7.10	22
Anthracene	50.0	50.4	44.3	101	88.6	45.0-120			12.9	20
Benzidine	100	11.3	23.3	11.3	23.3	10.0-120		J3	69.4	36
Benzo(a)anthracene	50.0	50.7	45.0	101	90.0	47.0-120			11.9	20
Benzo(b)fluoranthene	50.0	49.4	43.5	98.8	87.0	46.0-120			12.7	20
Benzo(k)fluoranthene	50.0	47.1	45.3	94.2	90.6	46.0-120			3.90	21
Benzo(g,h,i)perylene	50.0	49.8	44.8	99.6	89.6	48.0-121			10.6	20
Benzo(a)pyrene	50.0	50.0	45.0	100	90.0	47.0-120			10.5	20
Bis(2-chlorethoxy)methane	50.0	43.5	38.4	87.0	76.8	33.0-120			12.5	24
Bis(2-chloroethyl)ether	50.0	44.2	40.6	88.4	81.2	23.0-120			8.49	33
2,2-oxybis(1-chloropropane)	50.0	41.5	37.9	83.0	75.8	28.0-120			9.07	31
4-Bromophenyl-phenylether	50.0	44.0	38.1	88.0	76.2	45.0-120			14.4	20
2-Chloronaphthalene	50.0	48.4	44.5	96.8	89.0	37.0-120			8.40	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3772500-1 03/21/22 16:20 • (LCSD) R3772500-2 03/21/22 16:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	50.0	47.4	41.3	94.8	82.6	44.0-120			13.8	20
Chrysene	50.0	51.7	47.5	103	95.0	48.0-120			8.47	20
Dibenz(a,h)anthracene	50.0	51.3	46.4	103	92.8	47.0-120			10.0	20
3,3-Dichlorobenzidine	100	125	113	125	113	44.0-120	J4		10.1	20
2,4-Dinitrotoluene	50.0	58.4	53.0	117	106	49.0-124			9.69	20
2,6-Dinitrotoluene	50.0	53.4	48.7	107	97.4	46.0-120			9.21	21
Fluoranthene	50.0	50.1	44.5	100	89.0	51.0-120			11.8	20
Fluorene	50.0	49.9	44.4	99.8	88.8	47.0-120			11.7	20
Hexachlorobenzene	50.0	47.7	41.7	95.4	83.4	44.0-120			13.4	20
Hexachloro-1,3-butadiene	50.0	41.6	38.1	83.2	76.2	19.0-120			8.78	32
Hexachlorocyclopentadiene	50.0	34.2	34.4	68.4	68.8	15.0-120			0.583	31
Hexachloroethane	50.0	45.7	40.4	91.4	80.8	15.0-120			12.3	37
Indeno(1,2,3-cd)pyrene	50.0	53.1	47.9	106	95.8	49.0-122			10.3	20
Isophorone	50.0	40.9	37.5	81.8	75.0	36.0-120			8.67	23
Naphthalene	50.0	37.9	34.4	75.8	68.8	27.0-120			9.68	27
Nitrobenzene	50.0	43.9	39.8	87.8	79.6	27.0-120			9.80	29
n-Nitrosodimethylamine	50.0	24.8	23.3	49.6	46.6	10.0-120			6.24	40
n-Nitrosodiphenylamine	50.0	46.3	40.3	92.6	80.6	47.0-120			13.9	20
n-Nitrosodi-n-propylamine	50.0	48.8	42.3	97.6	84.6	31.0-120			14.3	28
Phenanthrene	50.0	47.9	42.0	95.8	84.0	46.0-120			13.1	20
Benzylbutyl phthalate	50.0	58.8	53.3	118	107	43.0-121			9.81	20
Bis(2-ethylhexyl)phthalate	50.0	55.1	50.2	110	100	43.0-122			9.31	20
Di-n-butyl phthalate	50.0	57.1	50.0	114	100	49.0-121			13.3	20
Diethyl phthalate	50.0	53.7	48.8	107	97.6	48.0-122			9.56	20
Dimethyl phthalate	50.0	50.4	45.8	101	91.6	48.0-120			9.56	20
Di-n-octyl phthalate	50.0	58.0	52.7	116	105	42.0-125			9.58	20
Pyrene	50.0	54.8	49.0	110	98.0	47.0-120			11.2	20
1,2,4-Trichlorobenzene	50.0	44.6	40.7	89.2	81.4	24.0-120			9.14	29
4-Chloro-3-methylphenol	50.0	42.5	35.2	85.0	70.4	40.0-120			18.8	21
2-Chlorophenol	50.0	40.7	35.7	81.4	71.4	25.0-120			13.1	35
2,4-Dichlorophenol	50.0	45.2	39.2	90.4	78.4	36.0-120			14.2	26
2,4-Dimethylphenol	50.0	42.2	36.6	84.4	73.2	33.0-120			14.2	26
4,6-Dinitro-2-methylphenol	50.0	53.7	47.2	107	94.4	38.0-138			12.9	25
2,4-Dinitrophenol	50.0	54.4	47.9	109	95.8	10.0-120			12.7	39
2-Nitrophenol	50.0	44.8	39.7	89.6	79.4	31.0-120			12.1	29
4-Nitrophenol	50.0	20.9	17.5	41.8	35.0	10.0-120			17.7	33
Pentachlorophenol	50.0	47.8	40.0	95.6	80.0	23.0-120			17.8	25
Phenol	50.0	16.7	14.3	33.4	28.6	10.0-120			15.5	36
2,4,6-Trichlorophenol	50.0	47.5	42.4	95.0	84.8	42.0-120			11.3	23
(S) 2-Fluorophenol				*55.5*	*47.9*	*10.0-120*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3772500-1 03/21/22 16:20 • (LCSD) R3772500-2 03/21/22 16:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
(S) Phenol-d5				*33.3*	*28.4*	*10.0-120*				
(S) Nitrobenzene-d5				*82.9*	*75.6*	*10.0-127*				
(S) 2-Fluorobiphenyl				*90.5*	*83.0*	*10.0-130*				
(S) 2,4,6-Tribromophenol				*109*	*88.0*	*10.0-155*				
(S) p-Terphenyl-d14				*106*	*93.6*	*10.0-128*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
P	RPD between the primary and confirmatory analysis exceeded 40%.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
TRC - BNSF Region 4

17911 Von Karman Ave, Ste 400
Irvine, CA 92614

Billing Information:
Accounts Payable
17911 Von Karman Ave, Ste 400
Irvine, CA 92614

Pres Chk

Report to:
Cassie Fausel-Bretschger

Email To:
cfausel@trcsolutions.com;meaton@trcsolutions

Project Description:
BNSF - Barstow ~~Morris Parcel~~ VanKeeuwen

City/State Collected: Barstow

Please Circle: (P) MT CT ET

Phone: 949-341-7472

Client Project #
484037.0000.0000

Lab Project #
BNSF4TRC-BARSTOW

Collected by (print):
Cassie Fausel

Site/Facility ID #

P.O. #
179387

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8081/8082 100ml Amb-NoPres	8270 100ml Amb NoPres	CR6ICFFP 50mlTube/plungerPres	DRO/ORO 40mlAmb-HCl-BT	GROCA 40mlAmb HCl	M6010CAM17 250mlHDPE-HNO3	V8260 40mlAmb-HCl				
Residential Irrigation CF	amb	GW	-	3/15/22	11:55	13	X	X	X	X	X	X	X				-01
		GW															
		GW															
		GW															

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/Pas-standard-terms.pdf

SDG # L1472156
G090

Acctnum: BNSF4TRC
Template: T205347
Prelogin: P911446
PM: 134 - Mark W. Beasley
PB:

Shipped Via:

Remarks | Sample # (lab only)

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 270908984423

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes (No) HCL/ MeoH TBR	If preservation required by Login: Date/Time
	3/15/22	4:56			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.7 °C Bottles Received: 3.7+0=3.7 13	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Patricia Smith	Date: 3/16/22 Time: 0930	Hold: Condition: NCF (OK)

6 Executive Circle, Suite 200
Irvine, CA 92614

t 949.341.7420

April 10, 2025

Project No. 648274.0000.0000

Mr. Jobi Cherian
Manager Environmental Remediation
BNSF Railway Company
2500 Lou Menk Drive
AOB-3 Fort Worth, Texas 76131

via email Jobi.Cherian@BNSF.com

Subject: **Limited Phase II Environmental Site Assessment Report**

Site: **BNSF – Depue, Gerald Property**
33250 and 33211 Delaney Road
Barstow, CA 92311

Dear Mr. Cherian:

On behalf of BNSF Railway Company (BNSF), TRC Solutions, Inc. (TRC) presents this *Limited Phase II Environmental Site Assessment (ESA) Report* for the Depue, Gerald Property (Site) located at 33250 and 33211 Delaney Road in the City of Barstow, CA. Refer to **Figure 1** for the location of the Site.

1.0 SITE DESCRIPTION

The approximately 8.11-acre property is comprised of three contiguous parcels identified by San Bernardino County Assessor's parcel numbers (APN) 0421-082-13 and 0421-071-53 and. Parcels are referred to herein based on the last two digits of the APN. For example, APN 0422-082-13 is referred to as "Parcel 13." Parcel 13 has mixed-use commercial and residential and is improved with two warehouse buildings, two residential buildings, and at least three recreational vehicles (RVs). The eastern half of Parcel 13 is leased to a towing / trucking company (ARC Trucking) and is used primarily for outdoor storage including vehicles, trailers, and miscellaneous items. The western half of Parcel 13 is primarily used for residences.

2.0 OBJECTIVE AND RECENT PHASE I ESA EVALUATION

The objective of the limited Phase II ESA is to further assess areas that have recognized environmental conditions (RECs) and/or areas of concern (AOCs) that were identified in TRC's draft Phase I ESA that was completed on January 15, 2025. A summary of key findings from the Phase I ESA were discussed with BNSF and TRC on January 13, 2025, as presented below:

- **REC No. 1** – Soil staining located along the eastern exterior of Trailer #1 on Parcel 13, indicates the potential presence of hazardous chemicals or petroleum products which can be harmful to both the environment and human health and contaminated soil can pose risks to groundwater quality. At least two 55-gallon drums containing oil, three vehicle batteries, and one aboveground storage tank (AST) in poor condition (rusted) with visual evidence of spillage on the sidewall.

- **REC No. 2** – Soil staining located north of Trailer #6 on Parcel 13. This area has approximately 15 5-gallon buckets containing various levels of oily product/residues, half of a steel drum containing an oily substance, and a 55-gallon plastic drum with oily residues. The property owner reported that the oil is food grade mineral oil and is used to lubricate machines for rock cutting. It is noted that food-grade mineral oil is generally not considered a significant environmental risk when used appropriately; however, based on the overall condition of the containers, lack of best management practices, improper storage, and visual evidence of soil staining, this area appears to be impacted by oil spillage/releases to the ground surface.

- **REC No. 3** – Soil staining located along the eastern exterior of Trailer #6 on Parcel 13. This area has approximately 20 55-gallon drums stored directly on the surface and at least one drum was in poor condition, dented, bulging, rusted, and there was visual evidence of spillage onto the unpaved surface.

- **REC No. 4** – Disturbed soil and soil staining located north of Trailer #25. The property owner reported that this area historically was used to store 55-gallon drums. Since the property has a history of containing hazardous materials, and the staining and disturbance of soil may indicate the release or leakage of chemicals, oils, or other contaminants.

- **REC No. 5** – One empty, 55-gallon steel drum located north of Structure #3. The container was in poor condition with open holes, and the ground surface was stained and discolored.

Additionally, AOCs involving data gaps requiring further evaluation are as follows:

- Six (6) soil stockpile on Parcels 53 (4 stockpiles) and Parcel 13 (2 stockpiles).
- Two (2) active domestic-use water supply wells on Parcel 53 (1 well) and Parcel 13 (1 well).
- Outdoor equipment, machinery, vehicles, trailers, and other miscellaneous items located throughout Parcel 13.

3.0 PRE-FIELD ACTIVITIES

Underground Service Alert Notification
Prior to the drilling and sampling activities, TRC visited the Site to mark the proposed soil boring locations for Underground Service Alert (USA; Dig-Alert). On February 12, 2025, TRC notified USA of the planned drilling activities.

Health and Safety

- A Health and Safety Plan (HASP) was developed to address site-specific health and safety issues during implementation of the work including potential contaminants of concern, personal protective equipment, and the location/route of the nearest hospital.

- On February 6, 2025, TRC, BNSF, MR Drilling, and Subsurface Surveys conducted a pre-field safety conference call to discuss safety topics and soil boring locations with onsite field personnel and subcontractors.

4.0 SUBSURFACE ASSESSMENT ACTIVITIES

4.1 Geophysical Survey

A geophysical investigation was completed on February 17, 2025, by Subsurface Surveys & Associates, Inc. (SSS), a state-licensed geophysical contractor, under the supervision by TRC. The purpose of the investigation was to detect and delineate, potential underground storage tanks (UST) USTs, septic tanks, backfilled excavations resulting from a former UST removal, and any related pipes, conduits, or substructures that may remain underground in-place. A secondary purpose was to clear the proposed soil boring locations of any underground obstructions around the selected soil boring locations. SSS utilized a combination of electromagnetic induction (EM), magnetometry, ground penetrating radar (GPR), and utility locators with line tracing capabilities. The Geophysical Investigation Report provided by SSS is included in **Attachment A**.

4.2 Borehole Clearance, Drilling, and Sampling

From February 17 to 19, 2025, TRC conducted borehole clearance, drilling, and sampling activities at the Site. The sampling included collection of soil samples from the 10 soil borings, groundwater samples from the 2 supply wells (1 each of Parcels 53 and 13), and sampling of 1 non-native stockpile. Refer to **Figure 2** for the locations of the soil borings, stockpiles, and water supply wells.

4.2.1 Borehole Clearance

Borehole clearance activities were performed by MR Drilling (MR; a licensed driller in the State of California) under the supervision by TRC, using an air excavation truck equipped with an air-knife excavation tool. Soil borings SB-1 through SB-9 were excavated to depths of 5 feet below ground surface (bgs) and a diameter exceeding the drill rig's auger outer diameter of 8.5 inches. Soil boring SB-10 was excavated to 5 feet bgs using a 4-inch diameter hand auger.

4.2.2 Soil Borings and Sampling

Soil borings SB-1, and SB-3 through SB-9 were advanced to a depth of 20 feet bgs by MR using a hollow-stem auger, limited access rig (LAR), under the supervision of TRC. Soil boring SB-2 (20 feet bgs) and SB-10 (5 feet bgs) were advanced to terminal depths using a hand auger due to safety concerns (e.g., overhead power lines in the area of SB-2). The approximate locations of the soil borings are shown on **Figure 2**.

Soil samples were collected and placed in the laboratory supplied containers, including volatile organic compounds (VOCs) Environmental Protection Agency (EPA) Method 5035 sampling kits, sealed, and labeled. The sample containers were placed in a cooler with ice and the samples were recorded on a chain-of-custody (COC) form, pending transport to the laboratory. The laboratory analysis of the soil samples is described in Section 5.0 below.

A portion of each soil sample was screened for VOCs using a photoionization detector (PID) and observed for visual evidence of potential impacts. The observations were recorded on boring logs with the soil descriptions using the Unified Soil Classification System (USCS). Copies of the boring logs are provided as **Attachment B**.

Laboratory analysis of the soil samples is summarized in the matrix below:

Boring ID	Location	Number of Samples	Laboratory Analysis	Sample Collection Depth (feet bgs)
SB-1	Former Automotive Repair Shop	3	TPH, VOCs, SVOCs, and metals	2, 10, 20
SB-2	Oily Buckets and Stained Soil	3	TPH, VOCs, SVOCs, and metals	2, 10, 20
SB-3	Drum Storage Area and Stained Soil	1	TPH, VOCs, SVOCs, and metals	2, 10, 20
SB-4 SB-5 SB-8 SB-9	Outdoor Storage Areas	12	TPH, VOCs, SVOCs, and metals	2, 10, 20
SB-6	Former Automotive Lift Station	2	TPH, VOCs, SVOCs, and metals	2, 10, 20

Boring ID	Location	Number of Samples	Laboratory Analysis	Sample Collection Depth (feet bgs)
SB-7	Historical Drum Storage and Stained Soil	2	TPH, VOCs, SVOCs, and metals	2, 10, 20
SB-10	Stained soil by the parked Loader/Excavator	2	TPH, VOCs, SVOCs, and metals	2, 5*

Notes:
Total petroleum hydrocarbons (TPH) via EPA Method 8015;
VOCs via EPA Method 8260B;
Semi-volatile organic compounds (SVOCs) via EPA Method 8270C; and
California Title 22 Metals via EPA Method 6010 B and 7471A.
* = Soil sample collected at 5 feet bgs was analyzed only for TPH by EPA Method 8015.

4.2.3 Stockpile Sampling

TRC identified six stockpiles with similar materials and collected one five-point composite sample from Stockpile 4 (sample SP-4), which contained non-native soil. The approximate volume (in cubic yards), stockpile material, and laboratory analysis are summarized below.

Stockpile ID / Sample ID	Material	Cubic Yards	Laboratory Analysis	Parcel #
Stockpile 1	Native Soil	85.9	--	13
Stockpile 2	Mulch	51	--	13
Stockpile 3	Green waste	77	--	53
Stockpile 4 / SP-4	Non-native soil	41.7	TPH, VOCs, SVOCs, and metals	53
Stockpile 5	Green waste	34.7	--	53
Stockpile 6	Green waste	62.6	--	53

4.2.4 Groundwater Sampling

Two groundwater samples (one each from Parcels 53 and 13) were collected and designated as samples GW-1 and GW-2. The samples were collected directly from onsite water spigots connected to the domestic-use water supply wells, after purging the spigot for approximately five minutes. Samples GW-1 and GW-2 were collected from Parcels 53 and 13, respectively. Laboratory analysis of the groundwater samples included the following:

- TPH using EPA Method 8015.
- California Title 22 Metals using EPA Methods 6010B and 6020B.
- VOCs using EPA Method 8260B.
- SVOCs using EPA Method 8270C.

4.3 Borehole Abandonment

Following completion of the sampling activities, each soil boring was abandoned. A neat cement and bentonite gel slurry was used to backfill each boring to approximately 1-foot bgs. The remaining 6 inches to 1 foot was backfilled using surrounding native soil to restore the surface grade.

4.4 Waste Disposal

The soil cuttings generated during drilling and sampling activities were placed in one 55-gallon Department of Transportation (DOT) approved steel drum. A copy of the waste disposal manifest is pending removal and transport of the drum from the Site and will be submitted under a separate letter upon request.

5.0 LABORATORY ANALYSES

Soil and groundwater samples were delivered/shipped to Pace Analytical National laboratory, a state-certified and BNSF contract laboratory and analyzed as follows:

- TPH using EPA Method 8015.
- California Title 22 Metals using EPA Methods 6010B & 7471A for soil, and 6020B for groundwater.
- VOCs using EPA Method 8260B.
- SVOCs using EPA Method 8270C.

The analytical results for soil and groundwater are summarized in **Tables 1 through 5** and the laboratory reports are included in **Attachment C**. The results were compared to the San Francisco Regional Water Quality Control Board (SFRWQCB) commercial/industrial shallow soil exposure Environmental Screening Levels (ESLs) and leaching to groundwater levels to identify concentrations exceeding the ESLs.

6.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

The limited Phase II ESA findings, conclusions, and recommendations described below are based upon TRC's field observations and the soil and groundwater sample analytical results:

Soil Findings

Soil encountered in the soil borings at the Site generally consisted of silty sand, poorly graded sand, and sandy silt mixtures. A five-point composite soil sample was collected from Stockpile 4 (SP-4), while all other stockpiles were composed of native soil, gardening topsoil, and/or mulch. Photoionization detector (PID) readings were recorded during soil sample collection, with predominantly non-detect (zero) or very low readings observed (maximum 0.6 parts per million by volume [ppmv/v]). The official laboratory report for the soil samples is included in **Attachment C** and are summarized below:

- TPH: Concentrations were detected above the Reported Detection Limit (RL) in 15 of the samples analyzed. No exceedances versus ESLs. These results are summarized as follows:
  - TPH as gasoline range organics (TPH-GRO) concentrations (C5-C12) ranged from 0.912 milligrams per kilogram (mg/kg; SB-3-10) to 2.63 mg/kg (SB-9-2).
  - TPH as diesel range organics (TPH-DRO) concentrations (C12-C22) ranged from 2.78 mg/kg (SB-1-10) to 368 mg/kg (SB-2-2).

- TPH as oil range organics (TPH-ORO) concentrations (C22-C40) ranged from 2.82 mg/kg (SB-2-2) to 354.2 mg/kg (SB-1-2).

Refer to **Table 1** for a summary of TPH concentrations.

- Metals: Metals concentrations were detected above the laboratory reporting limit in all 28 samples analyzed. Arsenic was detected above the SFRWQCB ESL (0.31 mg/kg) for Commercial/Industrial shallow soil exposure and below the acceptable Southern California cleanup level of 12 mg/kg except for 2 of the samples. Samples SB-3-2 (13.6 mg/kg) were slightly above the acceptable Southern California cleanup level of 12 mg/kg. All other detected metal concentrations do not exceed the SFRWQCB ESL for Commercial/Industrial shallow soil exposure. Refer to **Table 1** for a summary of metal concentrations.

- VOCs: Concentrations were detected above the RL in five of the samples analyzed and are summarized below. No exceedances versus ESLs. These results are summarized as follows:

  - Ethylbenzene concentration was detected in SB-9-2 at 0.0284 mg/kg.
  - Isopropylbenzene concentration was detected in SB-9-2 at 0.00162mg/kg.
  - Methylene chloride concentration was detected in SB-4-2 at 0.0111 mg/kg.
  - Naphthalene concentrations were detected in SB-5-10 (0.0588 mg/kg) and SB-9-2 (0.0211 mg/kg).
  - N-propylbenzene concentrations were detected in SB-5-10 (0.0588 mg/kg) and SB-9-2 (0.0211 mg/kg)
  - Styrene concentration was detected in SB-9-2 at 0.00244 mg/kg.
  - Toluene concentration was detected in SB-9-2 at 0.00241mg/kg.

Refer to **Table 2** for a summary of VOC concentrations.

- SVOCs: SVOCs were detected at concentrations above the RL in four of the samples analyzed and are summarized below. No exceedances versus ESLs. These results are summarized as follows:
  - Naphthalene concentrations ranged from 0.0112 mg/kg (SB-5-2) and 0.0266 mg/kg (SB-9-2).
  - Bis(2-ethylhexyl) phthalate concentrations was detected in SP-4 at 0.0542 mg/kg.

Refer to **Table 2** for a summary of SVOC concentrations.

Groundwater Findings

Groundwater samples were collected from water spigots that are connected to domestic-use water supply wells at Parcel 53 (sample GW-1) and Parcel 13 (sample GW-2). The official laboratory report for the groundwater samples is included in Attachment C and are summarized below:

- TPH: TPH-GRO, -DRO, and -ORO were below the RL. No exceedances versus ESLs. Refer to **Table 3** for a summary of TPH concentrations.

- Metals: Arsenic, barium, chromium, copper, molybdenum, selenium, vanadium, and zinc were detected above the RL. One analyte (Arsenic) exceeded the ESL (10 micrograms per liter [µg/L]) in sample GW-1 at 10.9 µg/L. All other metals detected were below the ESLs. Refer to **Table 3** for a summary of metal concentrations.

- VOCs: 1,2,4-Trimethylbenzene, 1,2,3-Trimethylbenzene, and 1,3,5-Trimethylbenzene were detected above the RL but were below their ESLs. All other VOCs were below the RL. Refer to **Table 4** for a summary of VOC concentrations.

- SVOCs: All SVOCs were not detected and were below ESLs. Refer to **Table 5** for a summary of SVOC concentrations.

Conclusions

- Soil appears to be impacted with levels of arsenic above the SFRWQCB ESL for commercial/industrial soil (0.31 mg/kg) in all samples. However, it should be noted that arsenic naturally occurs in the soils and sediments in Southern California at levels normally ranging from 0.3 to 30 mg/kg. For comparison, a total arsenic value of 12 mg/kg is acceptable for site cleanups in Southern California. (SB-2 at 20 feet below grade [fbg] and SB-3 at 2 fbg) in the south-central area of Parcel 13.

- Groundwater laboratory results indicate that, if BNSF plans to use groundwater resources at the Site, the groundwater contains arsenic that exceeds the ESL. However, the concentrations of arsenic are very low (near the ESL) and likely will not be considered for remedial action by a regulatory agency. Detected metal concentrations do not exceed their respective ESLs.

Recommendations

- The current limited Phase II investigation establishes a "baseline" for the environmental conditions that are present at this time while negotiating the property acquisition.

- Although there are minor exceedances slightly above the regulatory ESLs (particularly for arsenic in soil and groundwater), TRC believes these results do not warrant further investigative or remedial action. However, BNSF could consider reporting these results to the Lahontan Regional Water Quality Control Board (RWQCB) for regulatory oversight to determine if it is appropriate that a regulatory case be opened and whether these exceedances require some level of remedial action with the historical/current owners as the responsible party(ies). Whether a case is opened or determined to not warrant a case or regulatory oversight, this may provide a pathway for BNSF to obtain closure for these environmental issues.

- For the protection of future workers at the Site that may be exposed from a health-risk standpoint to arsenic-impacted groundwater, it is recommended that groundwater is not utilized for drinking water.

If you have any comments, questions, etc. about the investigation results or this report please, contact Paul Kee by telephone at (949) 433-2453 or by email at pkee@trccompanies.com.

Sincerely,

TRC Solutions, Inc.

Paul Kee
Project Geologist

John Trompeter, PG, CHG
Principal Hydrogeologist

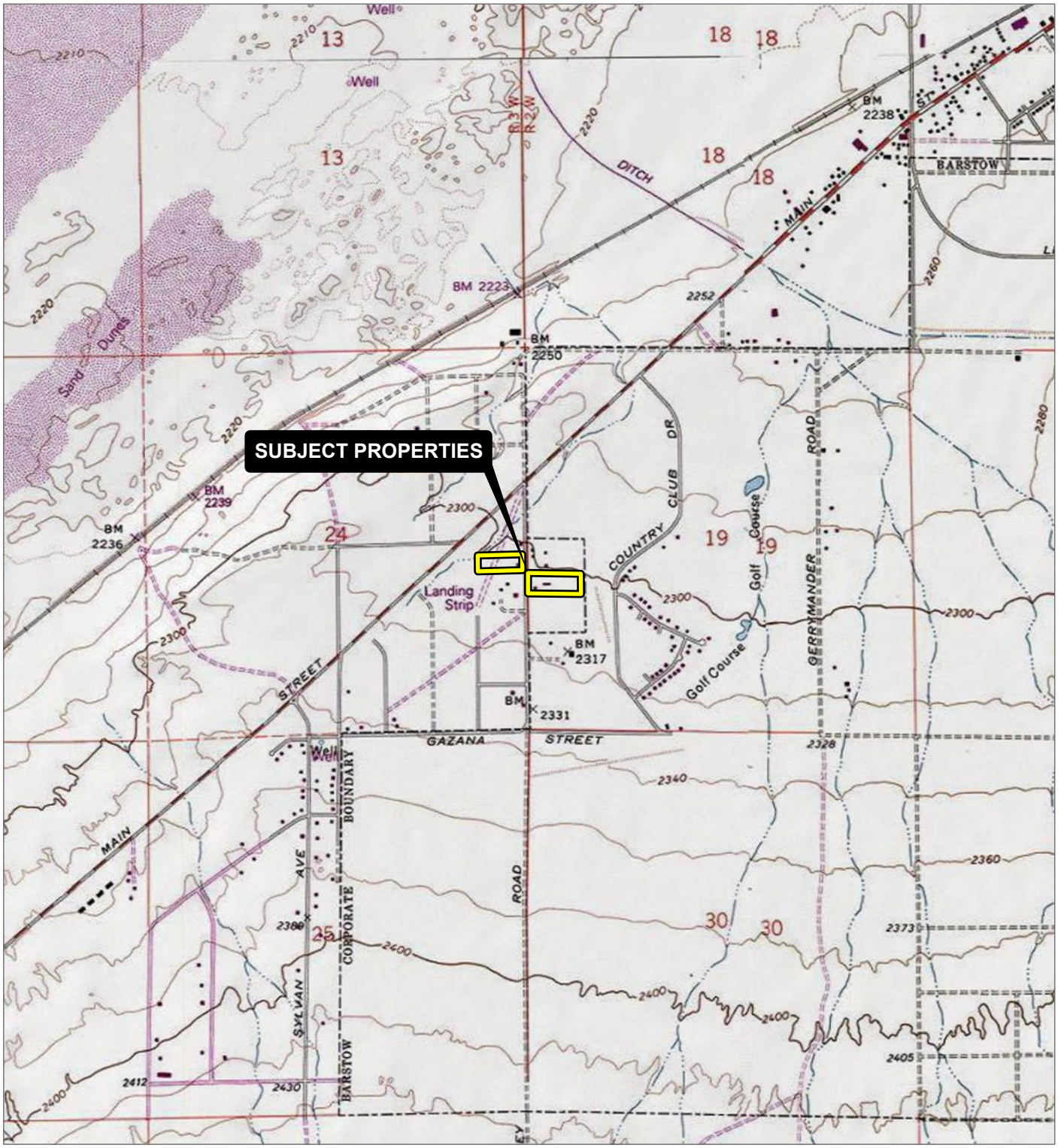
Attachments:

Figure 1: Subject Properties Vicinity Map
Figure 2: Site Plan Showing Soil Boring Locations

Table 1: Soil Analytical Results – Total Petroleum Hydrocarbons & Metals
Table 2: Soil Analytical Results – Volatile Organic Compounds & Semi-Volatile Organic Compounds
Table 3: Groundwater Analytical Results – Total Petroleum Hydrocarbons & Metals
Table 4: Groundwater Analytical Results – Volatile Organic Compounds
Table 5: Groundwater Analytical Results – Semi-Volatile Organic Compounds

Attachment A: Subsurface Surveys Geophysical Investigation Report
Attachment B: Boring Logs
Attachment C: Laboratory Analysis Reports

FIGURES



LEGEND

APPROXIMATE PROPERTY BOUNDARIES

BASE MAP: USGS COLOR ORTHO IMAGERY
DATA SOURCES: TRC

N

0 1,000 2,000

FEET

1:24,000 1" = 2,000'

PROJECT:
DEPUE, GERALD
33250 AND 33211 DELANEY ROAD
BARSTOW, CALIFORNIA

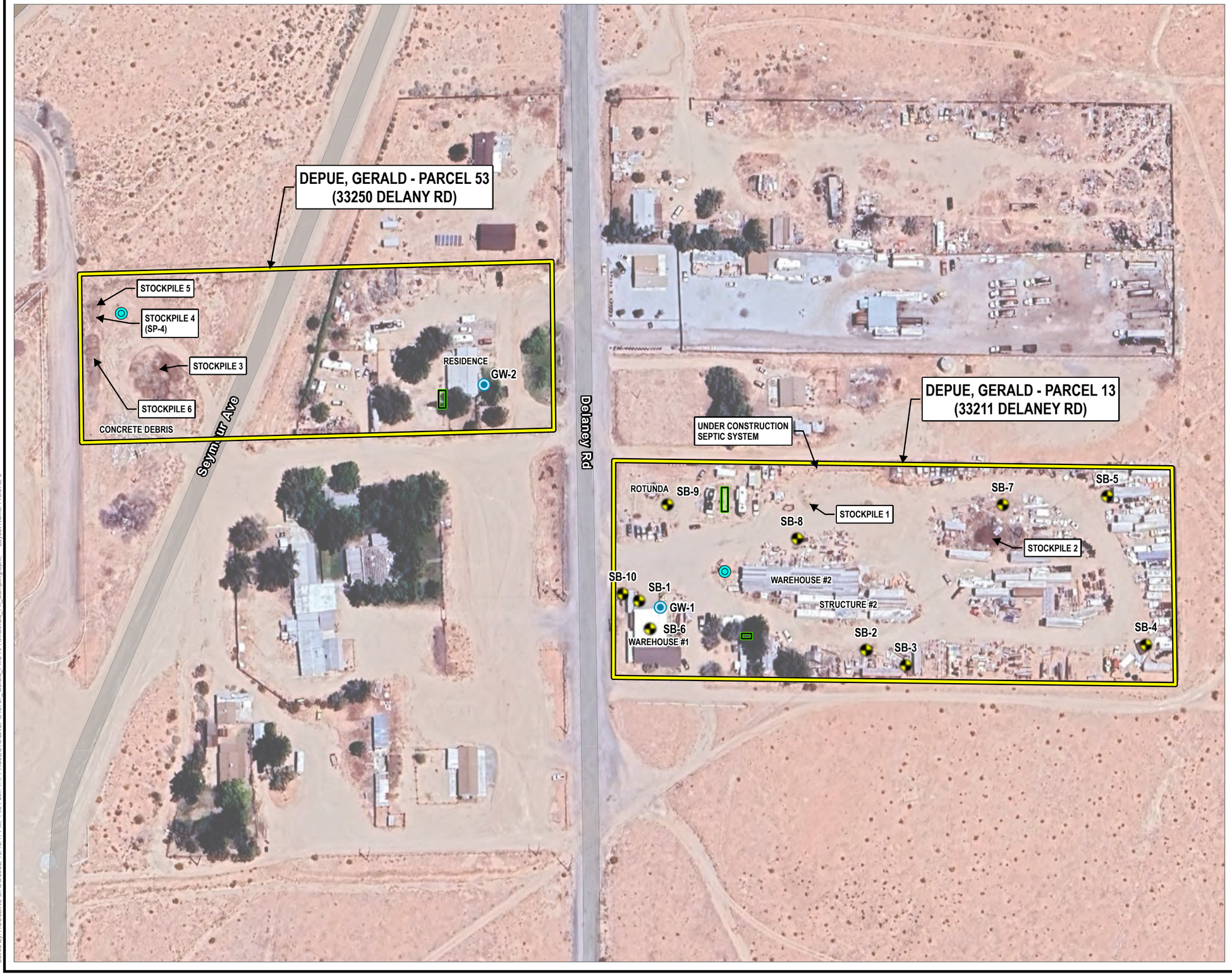
TITLE:
SUBJECT PROPERTIES VICINITY MAP

DRAWN BY:	R. COLLINS	PROJ. NO.:	645787.0000.0000
CHECKED BY:	P. KEE		
APPROVED BY:	P. KEE		**FIGURE 1**
DATE:	MARCH 2025		

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: GERALD_PII_SAMPLING

COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET: MAP ROTATION: 0
--- SAVED BY: RCOLLINS ON 9/3/2025, 12:15:11 PM: FILE PATH: T:\1-PROJECTS\BNSF\645787_GERALD_PII\2-APRX\GERALD_PII_SAMPLING APRX: --- LAYOUT NAME: FIGURE 1



LEGEND

- APPROXIMATE PROPERTY BOUNDARIES
- BURIED SEPTIC SYSTEM
- BORING LOCATION
- GROUNDWATER SAMPLE LOCATION
- DOMESTIC-USE WATER SUPPLY WELL

NOTES:

BASE MAP: GOOGLE EARTH SATELLITE IMAGERY ONLINE SERVICE LAYER (5/12/2024).
DATA SOURCES: TRC

1:1,500
1" = 125'
0 125 250 FEET

PROJECT:	DEPUE, GERALD 33250 AND 33211 DELANEY ROAD BARSTOW, CALIFORNIA
TITLE:	SITE PLAN SHOWING SOIL BORING LOCATIONS
DRAWN BY: R. COLLINS	PROJ. NO.: 645787.0000.0000
CHECKED BY: P. KEE	FIGURE 2
APPROVED BY: P. KEE	
DATE: MARCH 2025	

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: Gerald_PII_Sampling.aprx

Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet; Map Rotation: 0
Saved By: RCOLLINS on 3/7/2025, 12:15:11 PM; File Path: T:\1 PROJECTS\SITES\645787. Gerald_PII\3-APRX\Gerald_PII_Sampling.aprx; Layout Name: FIGURE 2

TABLES

TABLE 1
SOIL ANALYTICAL RESULTS - TOTAL PETROLEUM HYDOCARBONS (TPH) AND METALS
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYTICAL RESULT (mg/kg)												
Location		**Former Automotive Repair Shop**			**Oily Buckets and Stained Soil**			**Drum Storage Area and Stained Soil**			**SFRWQCB ESLs (Commercial / Industrial)***	**SFRWQCB ESLs (Leaching to Groundwater Levels)****
Sample ID		**SB-1-2**	**SB-1-10**	**SB-1-20**	**SB-2-2**	**SB-2-10**	**SB-2-20**	**SB-3-2**	**SB-3-10**	**SB-3-20**		
Sample Depth (feet bgs)		**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**		
Sample Date		**2/18/2025**	**2/19/2025**	**2/19/2025**	**2/18/2025**	**2/18/2025**	**2/18/2025**	**2/18/2025**	**2/19/2025**	**2/19/2025**		
TPH - EPA Method 8015	C5 - C12	<2.92	<2.60	<2.82	<2.78	<2.59	<3.64	<3.20	**0.912 J**	<2.64	2000	**4900**
	C12-C22	<4.31	**2.78 J**	<4.24	**368**	**74.2**	**5.8**	<4.51	<4.06	<4.11	1200	**7300**
	C22-C32	**6.44**	**22.9**	<4.24	**301**	**76.1**	**5.48**	<4.51	<4.06	<4.11	180000	**--**
	C32-C40	<4.31	**6.33**	<4.24	**53.2**	**11.3**	<4.88	<4.51	<4.06	<4.11	180000	**--**
Metals - EPA Method 6010/7471A	ANTIMONY	<2.16	<2.04	<2.12	**0.805 J**	**1.3 J**	**1.26 J**	**1.23 J**	**0.989 J**	**1.44 J**	160	--
	ARSENIC	**2.48**	**1.3 J**	**1.81 J**	**3.22**	**6.19**	**10.4**	**13.6**	**1.85 J**	**1.46 J**	0.31	--
	BARIUM	**60.4**	**13.4**	**64.1**	**68.5**	**41.5**	**166**	**195**	**25.1**	**30.5**	220000	--
	BERYLLIUM	**0.281**	<0.204	**0.368**	**0.278**	**0.119 J**	**0.747**	**0.504**	**0.11 J**	**0.166 J**	230	--
	CADMIUM	<0.539	<0.510	<0.530	<0.527	<0.509	<0.610	<0.563	**0.0855 J**	<0.513	1100	--
	CHROMIUM	**10.7**	**4.16**	**11.7**	**9.85**	**5.99**	**32.7**	**19.6**	**6.36**	**9.48**	--	--
	COBALT	**4.57**	**2.15**	**7.19**	**5.44**	**4.05**	**18.2**	**11.4**	**2.89**	**3.22**	350	--
	COPPER	**8.07**	**2.5**	**9.13**	**8.77**	**5**	**29.6**	**17.5**	**4.27**	**4.43**	47000	--
	LEAD	**3.87**	**2.53**	**6.12**	**4.19**	**2.29**	**10.8**	**6.15**	**2.51**	**2.77**	320	--
	MERCURY	<0.0431	**0.269 B J**	**0.516 B J**	**0.254 J**	**0.359 J**	**0.55 J**	**0.905**	**0.393 J**	**0.598**	190	--
	MOLYBDENUM	**0.36**	<0.0408	<0.0424	<0.0422	<0.0407	<0.0488	<0.0451	<0.0406	<0.0411	5800	--
	NICKEL	**5.7**	**1.49 J**	**6.7**	**6.24**	**3.62**	**21.3**	**12.9**	**3.08**	**2.57**	11000	--
	SELENIUM	<2.16	<2.04	<2.12	<2.11	<2.04	**1.45 J**	<2.25	<2.03	<2.05	5800	--
	SILVER	<1.08	<1.02	<1.06	<1.05	<1.02	<1.22	**0.149 J**	<1.02	<1.03	5800	--
	THALLIUM	<2.16	<2.04	<2.12	<2.11	<2.04	<2.44	<2.25	<2.03	<2.05	12	--
	VANADIUM	**25.1**	**21.3**	**39.6**	**29.7**	**34.2**	**96**	**69.3**	**24.6**	**19.8**	5800	--
	ZINC	**23.1**	**9.5**	**41**	**26.3**	**20.5**	**99.3**	**55.4**	**14.9**	**17.8**	350000	--

NOTES:
mg/kg = milligrams per kilogram
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)
* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure
** = SFRWQCB ESLs, Leaching to Groundwater Levels for Non-Drinking Water.
-- = No established SFRWQCB ESL.
Highlighted = above the acceptable Southern California cleanup level of 12 mg/kg.
Qualifiers: B = The same analyte is found in the associated blank., J = The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 1
SOIL ANALYTICAL RESULTS - TOTAL PETROLEUM HYDOCARBONS (TPH)
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYTICAL RESULT (mg/kg)															
Location		**Outdoor Storage**						**Former Automotive Lift**			**Historical Drum Storage and Stained Soil**			**SFRWQCB ESLs (Commercial / Industrial)***	**SFRWQCB ESLs (Leaching to Groundwater Levels)****
Sample ID		**SB-4-2**	**SB-4-10**	**SB-4-20**	**SB-5-2**	**SB-5-10**	**SB-5-20**	**SB-6-2**	**SB-6-10**	**SB-6-20**	**SB-7-2**	**SB-7-10**	**SB-7-20**		
Sample Depth (feet bgs)		**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**		
Sample Date		**2/17/2025**	**2/18/2025**	**2/18/2025**	**2/17/2025**	**2/18/2025**	**2/18/2025**	**2/18/2025**	**2/19/2025**	**2/19/2025**	**2/17/2025**	**2/18/2025**	**2/18/2025**		
TPH - EPA Method 8015	C5 - C12	<3.81	<2.79	<2.81	<3.06	**0.978 J**	**0.968 J**	<3.05	<2.81	<2.78	<3.19	<2.66	<2.82	2000	**4900**
	C12-C22	<4.82	<4.23	<4.25	<4.45	<4.11	<4.17	**7.75**	<4.24	<4.22	<4.51	<4.13	<4.25	1200	**7300**
	C22-C32	<4.82	**2.82 J**	<4.25	<4.45	<4.11	<4.17	**23.9**	<4.24	**7.47**	<4.51	<4.13	<4.25	180000	--
	C32-C40	<4.82	<4.23	<4.25	<4.45	<4.11	<4.17	**11.6**	<4.24	<4.22	<4.51	<4.13	<4.25	180000	--
Metals - EPA Method 6010/7471A	ANTIMONY	<2.41	<2.11	**1.05 J**	<2.22	<2.06	<2.08	**0.923 J**	<2.12	<2.11	<2.25	<2.06	<2.13	160	--
	ARSENIC	**6.03**	**4.49**	**1.75 J**	**7.25**	**4.44**	**2.05 J**	**2.57**	**1.77 J**	**2.23**	**4.18**	**2.04 J**	**2.31**	0.31	--
	BARIUM	**94.7**	**41.9**	**42**	**70**	**18.6**	**25.4**	**55.2**	**43.6**	**30.2**	**111**	**27.1**	**44.2**	220000	--
	BERYLLIUM	**0.64**	**0.165 J**	**0.287**	**0.25**	**0.109 J**	**0.247**	**0.451**	**0.149 J**	**0.144 J**	**0.35**	**0.105 J**	**0.339**	230	--
	CADMIUM	**0.163 J**	<0.528	<0.531	<0.556	<0.514	<0.521	**0.1 J**	<0.530	<0.528	<0.563	<0.516	<0.531	1100	--
	CHROMIUM	**20.7**	**7.74**	**12.4**	**9.92**	**4.11**	**7.37**	**15.2**	**8.86**	**4.56**	**12.2**	**6.34**	**10.8**	--	--
	COBALT	**10.2**	**5.34**	**4.7**	**6.55**	**2.26**	**3.22**	**6.59**	**5.59**	**3.11**	**7.58**	**2.45**	**3.99**	350	--
	COPPER	**18.7**	**6.34**	**6.9**	**9.68**	**3.68**	**7.48**	**14.3**	**7.16**	**4.79**	**10.6**	**4.53**	**9.49**	47000	--
	LEAD	**6.84**	**3.08**	**3.48**	**2.97**	**2.09**	**3.36**	**7.92**	**4.5**	**2.67**	**4.65**	**2.17**	**3.78**	320	--
	MERCURY	**0.467 J**	**0.327 J**	**0.433 J**	**0.586**	**0.147 J**	**0.278 J**	**0.515 J**	**0.379 B J**	**0.638 B**	**0.39 J**	**0.343 J**	**0.391 J**	190	--
	MOLYBDENUM	<0.0482	<0.0423	<0.0425	<0.0445	<0.0411	<0.0417	<0.0441	<0.0424	<0.0422	<0.0451	<0.0413	<0.0425	5800	--
	NICKEL	**13.6**	**4.36**	**4.43**	**6.73**	**2.16**	**3.66**	**9.02**	**5.11**	**2.85**	**8.47**	**2.43**	**5.06**	11000	--
	SELENIUM	<2.41	<2.11	<2.12	<2.22	<2.06	<2.08	<2.21	<2.12	<2.11	<2.25	<2.06	<2.13	5800	--
	SILVER	**0.203 J**	<1.06	<1.06	<1.11	<1.03	<1.04	**0.175 J**	<1.06	<1.06	**0.189 J**	<1.03	<1.06	5800	--
	THALLIUM	<2.41	<2.11	<2.12	<2.22	<2.06	<2.08	<2.21	<2.12	<2.11	<2.25	<2.06	<2.13	12	--
	VANADIUM	**52**	**31.6**	**28.1**	**44.7**	**27.2**	**18.6**	**37**	**30**	**18.9**	**37.5**	**20.8**	**21.9**	5800	--
	ZINC	**52.7**	**25.7**	**25.2**	**32.3**	**12.2**	**17.9**	**33.1**	**28.7**	**17.6**	**36.8**	**12**	**23.9**	350000	--

NOTES:
mg/kg = milligrams per kilogram
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)
* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure
** = SFRWQCB ESLs, Leaching to Groundwater Levels for Non-Drinking Water.
-- = No established SFRWQCB ESL.
Highlighted = above the acceptable Southern California cleanup level of 12 mg/kg.
Qualifiers: B = The same analyte is found in the associated blank., J = The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 1
SOIL ANALYTICAL RESULTS - TOTAL PETROLEUM HYDOCARBONS (TPH)
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYTICAL RESULT (mg/kg)												
Location		**Outdoor Storage**			**Background**			**Loader/Excavator**		**Stockpile Sample**	**SFRWQCB ESLs (Commercial / Industrial)***	**SFRWQCB ESLs (Leaching to Groundwater Levels)****
Sample ID		**SB-8-2**	**SB-8-10**	**SB-8-20**	**SB-9-2**	**SB-9-10**	**SB-9-20**	**SB-10-2**	**SB-10-5**	**SP-4**		
Sample Depth (feet bgs)		**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**	**2.0**	**5.0**	**-**		
Sample Date		**2/17/2025**	**2/18/2025**	**2/18/2025**	**2/17/2025**	**2/18/2025**	**2/18/2025**	**2/19/2025**	**2/19/2025**	**2/19/2025**		
TPH - EPA Method 8015	C5 - C12	<2.93	<2.58	<2.77	**2.63 J**	<2.63	<2.97	<2.71	**2.33 B J**	<2.80	2000	**4900**
	C12-C22	<4.34	<4.06	<4.20	**6.93**	**7.87**	<4.37	**158**	**294**	**28**	1200	**7300**
	C22-C32	<4.34	<4.06	<4.20	**71.5**	**76.2**	<4.37	**55.2**	**90.9**	**152**	180000	--
	C32-C40	<4.34	<4.06	<4.20	**20.1**	**23.5**	<4.37	**23.7**	**43.3**	**71**	180000	--
Metals - EPA Method 6010/7471A	ANTIMONY	<2.17	<2.03	<2.10	<2.08	**0.902 J**	<2.19	<2.08	--	<2.12	160	--
	ARSENIC	**3.32**	**1.62 J**	**1.41 J**	**2.37**	**2.45**	**1.67 J**	**2.1**	--	3.28	0.31	--
	BARIUM	**90**	**12.5**	**55.9**	**52**	**57.8**	**58.5**	**24.6**	--	194	220000	--
	BERYLLIUM	**0.408**	**0.0835 J**	**0.235**	**0.313**	**0.198 J**	**0.362**	**0.14 J**	--	0.521	230	--
	CADMIUM	**0.142 J**	<0.508	<0.525	**0.114 J**	<0.512	<0.546	**0.0714 J**	--	0.162 J	1100	--
	CHROMIUM	**11.7**	**4.95**	**8.16**	**9.73**	**10.7**	**11.7**	**5.63**	--	11.4	--	--
	COBALT	**5.94**	**2.02**	**3.89**	**5.54**	**4.39**	**6.12**	**2.95**	--	5.83	350	--
	COPPER	**11.3**	**3.26**	**6.67**	**8.84**	**6.99**	**8.6**	**6**	--	11.4	47000	--
	LEAD	**3.93**	**2.65**	**3.16**	**4.52**	**3.38**	**4.46**	**3.45**	--	10.8	320	--
	MERCURY	**0.299 J**	**0.177 J**	**0.362 J**	**0.227 J**	**0.578**	**0.186 J**	**0.327 B J**	--	0.389 B J	190	--
	MOLYBDENUM	<0.0434	<0.0406	<0.0420	<0.0416	<0.0410	<0.0437	<0.0416	--	<0.0423	5800	--
	NICKEL	**8.04**	**1.95 J**	**4.38**	**5.5**	**5.25**	**5.84**	**3.09**	--	10.1	11000	--
	SELENIUM	<2.17	<2.03	<2.10	<2.08	<2.05	<2.19	<2.08	--	<2.12	5800	--
	SILVER	**0.166 J**	<1.02	<1.05	<1.04	<1.02	<1.09	<1.04	--	<1.06	5800	--
	THALLIUM	<2.17	<2.03	<2.10	<2.08	<2.05	<2.19	<2.08	--	<2.12	12	--
	VANADIUM	**33.6**	**19.3**	**19.2**	**37.7**	**25.2**	**29.2**	**21.1**	--	23.1	5800	--
	ZINC	**30.3**	**8.64**	**21.3**	**21.2**	**23.1**	**37.3**	**14**	--	39.4	350000	--

NOTES:
mg/kg = milligrams per kilogram
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)
* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure
** = SFRWQCB ESLs, Leaching to Groundwater Levels for Non-Drinking Water.
-- = No established SFRWQCB ESL.
Highlighted = above the acceptable Southern California cleanup level of 12 mg/kg.
Qualifiers: B = The same analyte is found in the associated blank., J = The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 2
SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCS) & SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCS)
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYSIS RESULT (mg/kg)												
Location		**Former Automotive Repair Shop**			**Oily Buckets and Stained Soil**			**Drum Storage Area and Stained Soil**			**SFRWQCB ESLs (Commercial / Industrial)***	**SFRWQCB ESLs (Leaching to Groundwater Levels)****
Sample ID		**SB-1-2**	**SB-1-10**	**SB-1-20**	**SB-2-2**	**SB-2-10**	**SB-2-20**	**SB-3-2**	**SB-3-10**	**SB-3-20**		
Sample Depth (feet bgs)		**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**		
Sample Date		**2/18/2025**	**2/19/2025**	**2/19/2025**	**2/18/2025**	**2/18/2025**	**2/18/2025**	**2/18/2025**	**2/19/2025**	**2/19/2025**		
VOCs - EPA Method 8260B	BENZENE	<0.00117	<0.00104	<0.00113	<0.00111	<0.00104	<0.00145	<0.00128	<0.00103	<0.00106	1.4	0.025
	BROMOMETHANE	<0.0146 C3	<0.0130 C3	<0.0141 C3	<0.0139 C3	<0.0129 C3	<0.0182 C3	<0.0160 C3	<0.0129 C3	<0.0132 C3	30	0.36
	ETHYLBENZENE	<0.00292	<0.00260	<0.00282	<0.00278	<0.00259	<0.00364	<0.00320	<0.00258	<0.00264	26	0.43
	ISOPROPYLBENZENE	<0.00292	<0.00260	<0.00282	<0.00278	<0.00259	<0.00364	<0.00320	<0.00258	<0.00264	--	--
	METHYLENE CHLORIDE	<0.0292	<0.0260	<0.0282	<0.0278	<0.0259	<0.0364	<0.0320	<0.0258	<0.0264	25	0.12
	NAPHTHALENE	<0.0146	<0.0130	<0.0141	<0.0139	<0.0129	<0.0182	<0.0160	<0.0129	<0.0132	17	0.042
	N-PROPYLBENZENE	<0.00584	<0.00520	<0.00564	<0.00557	<0.00518	<0.00727	<0.00640	<0.00516	<0.00528	--	--
	STYRENE	<0.0146	<0.0130	**0.00027 J**	<0.0139	<0.0129	<0.0182	<0.0160	<0.0129	<0.0132	33000	0.92
	1,2,4-TRIMETHYLBENZENE	<0.00584	<0.00520	<0.00564	<0.00557	<0.00518	<0.00727	<0.00640	<0.00516	<0.00528	--	--
	XYLENES, TOTAL	<0.00759	<0.00676	<0.00734	<0.00724	<0.00673	<0.00946	<0.00832	<0.00671	<0.00686	2500	2.1
	All Other VOCs Were Not Detected											
SVOCs - EPA Method 8270C	NAPHTHALENE	<0.0359	<0.0340	<0.0353	<0.0351	<0.0339	<0.0406	<0.0375	<0.0338	<0.0342	580	
	BIS(2-ETHYLHEXYL)PHTHALATE	<0.359	<0.340	<0.353	<0.351	<0.339	<0.406	<0.375	<0.338	<0.342	--	
	All Other SVOCs Were Not Detected											

NOTES:
mg/kg = milligrams per kilogram
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)
* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure
-- = No established SFRWQCB ESL.
Highlighted = Detected above the SFRWQCB ESL.
Qualifiers: B = The same analyte is found in the associated blank. C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable. J: The identification of the analyte is acceptable; the reported value is an estimate., J4 = The associated batch QC was outside the established quality control range for accuracy.

TABLE 2
SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCS) & SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCS)
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYSIS RESULT (mg/kg)															
Location		**Outdoor Storage**						**Former Automotive Lift**			**Historical Drum Storage and Stained Soil**			**SFRWQCB ESLs (Commercial / Industrial)***	**SFRWQCB ESLs (Leaching to Groundwater Levels)****
Sample ID		**SB-4-2**	**SB-4-10**	**SB-4-20**	**SB-5-2**	**SB-5-10**	**SB-5-20**	**SB-6-2**	**SB-6-10**	**SB-6-20**	**SB-7-2**	**SB-7-10**	**SB-7-20**		
Sample Depth (feet bgs)		**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**		
Sample Date		**2/17/2025**	**2/18/2025**	**2/18/2025**	**2/17/2025**	**2/18/2025**	**2/18/2025**	**2/18/2025**	**2/19/2025**	**2/19/2025**	**2/17/2025**	**2/18/2025**	**2/18/2025**		
VOCs - EPA Method 8260B	BENZENE	<0.00152	<0.00112	<0.00112	<0.00123	<0.00106	<0.00110	<0.00122	<0.00112	<0.00111	<0.00128	<0.00106	<0.00113	1.4	0.025
	BROMOMETHANE	<0.0190 C3	**0.00626 B J**	**0.00607 B J**	<0.0153 C3	**0.00834 B J**	**0.00391 B J**	<0.0153 C3	<0.0140 C3	<0.0139 C3	<0.0160 C3	<0.0133 C3	<0.0141 C3	30	0.36
	ETHYLBENZENE	<0.00381	<0.00279	<0.00281	<0.00306	<0.00264	<0.00274	<0.00305	<0.00281	<0.00278	<0.00319	<0.00266	<0.00282	26	0.43
	ISOPROPYLBENZENE	<0.00381	<0.00279	<0.00281	<0.00306	<0.00264	<0.00274	<0.00305	<0.00281	<0.00278	<0.00319	<0.00266	<0.00282	--	--
	METHYLENE CHLORIDE	**0.0111 J**	<0.0279	<0.0281	<0.0306	<0.0264	<0.0274	<0.0305	<0.0281	<0.0278	<0.0319	<0.0266	<0.0282	25	0.12
	NAPHTHALENE	<0.0190	<0.0140	<0.0141	<0.0153	**0.0588**	<0.0137	<0.0153	<0.0140	<0.0139	<0.0160	<0.0133	<0.0141	17	0.042
	N-PROPYLBENZENE	<0.00760	<0.00558	<0.00562	<0.00613	<0.00528	<0.00548	<0.00610	<0.00562	<0.00557	<0.00639	<0.00532	<0.00563	--	--
	STYRENE	<0.0190	<0.0140	<0.0141	<0.0153	<0.0132	<0.0137	<0.0153	<0.0140	<0.0139	<0.0160	<0.0133	<0.0141	33000	0.92
	1,2,4-TRIMETHYLBENZENE	<0.00760	<0.00558	<0.00562	<0.00613	<0.00528	<0.00548	<0.00610	<0.00562	<0.00557	<0.00639	<0.00532	<0.00563	--	--
	XYLENES, TOTAL	<0.00987	<0.00725	<0.00731	<0.00796	<0.00686	<0.00711	<0.00793	<0.00730	<0.00723	<0.00831	<0.00692	<0.00732	2500	2.1
	All Other VOCs Were Not Detected														
SVOCs - EPA Method 8270C	NAPHTHALENE	**0.0177 J**	<0.0352	<0.0354	**0.0112 J**	<0.0342	<0.0347	<0.0367	<0.0353	<0.0352	<0.0375	<0.0343	<0.0354	580	
	BIS(2-ETHYLHEXYL)PHTHALATE	<0.402	<0.352	<0.354	<0.370	<0.342	<0.347	<0.367	<0.353	<0.352	<0.375	<0.343	<0.354	--	
	All Other SVOCs Were Not Detected														

NOTES:
mg/kg = milligrams per kilogram
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)
* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure
-- = No established SFRWQCB ESL.
Highlighted = Detected above the SFRWQCB ESL.
Qualifiers: B = The same analyte is found in the associated blank. C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable. J: The identification of the analyte is acceptable; the reported value is an estimate., J4 = The associated batch QC was outside the established quality control range for accuracy.

TABLE 2
SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCS) & SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCS)
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYSIS RESULT (mg/kg)											
Location		**Outdoor Storage**			**Background**			**Loader/Excavator**	**Stockpile Sample**	**SFRWQCB ESLs (Commercial / Industrial)***	**SFRWQCB ESLs (Leaching to Groundwater Levels)****
Sample ID		**SB-8-2**	**SB-8-10**	**SB-8-20**	**SB-9-2**	**SB-9-10**	**SB-9-20**	**SB-10-2**	**SP-4**		
Sample Depth (feet bgs)		**2.0**	**10.0**	**20.0**	**2.0**	**10.0**	**20.0**	**2.0**	**--**		
Sample Date		**2/17/2025**	**2/18/2025**	**2/18/2025**	**2/17/2025**	**2/18/2025**	**2/18/2025**	**2/19/2025**	**2/19/2025**		
VOCs - EPA Method 8260B	BENZENE	<0.00117	<0.00103	<0.00111	**0.000513 J**	<0.00105	<0.00119	<0.00108	<0.00112	1.4	0.025
	BROMOMETHANE	<0.0146 C3	<0.0129 C3	<0.0138 C3	<0.0135 C3	<0.0131 C3	<0.0149 C3	<0.0136 C3	<0.0140 C3	30	0.36
	ETHYLBENZENE	<0.00293	<0.00258	<0.00277	**0.0284**	<0.00263	<0.00297	<0.00271	<0.00280	26	0.43
	ISOPROPYLBENZENE	<0.00293	<0.00258	<0.00277	**0.00162 J**	<0.00263	<0.00297	<0.00271	<0.00280	--	--
	METHYLENE CHLORIDE	<0.0293	<0.0258	<0.0277	<0.0270	<0.0263	<0.0297	<0.0271	<0.0280	25	0.12
	NAPHTHALENE	<0.0146	<0.0129	<0.0138	**0.0211**	<0.0131	<0.0149	<0.0136	<0.0140	17	0.042
	N-PROPYLBENZENE	<0.00585	<0.00516	<0.00553	**0.00244 J**	<0.00525	<0.00595	<0.00542	<0.00559	--	--
	STYRENE	<0.0146	<0.0129	<0.0138	<0.0135	<0.0131	<0.0149	<0.0136	<0.0140	33000	0.92
	1,2,4-TRIMETHYLBENZENE	<0.00585	<0.00516	<0.00553	**0.00593**	<0.00525	<0.00595	<0.00542	<0.00559	--	--
	XYLENES, TOTAL	**0.00204 J**	<0.00671	<0.00719	**0.198**	**0.00135 J**	<0.00773	<0.00705	<0.00727	2500	2.1
	All Other VOCs Were Not Detected										
SVOCs - EPA Method 8270C	NAPHTHALENE	<0.0361	<0.0338	<0.0350	**0.0266 J**	<0.0341	<0.0364	<0.0347	<0.0352	580	
	BIS(2-ETHYLHEXYL)PHTHALATE	<0.361	<0.338	<0.350	<0.346	<0.341	<0.364	<0.347	**0.0542 J**	--	
	All Other SVOCs Were Not Detected										

NOTES:
mg/kg = milligrams per kilogram
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)
* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure
-- = No established SFRWQCB ESL.
Highlighted = Detected above the SFRWQCB ESL.
Qualifiers: B = The same analyte is found in the associated blank. C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable. J: The identification of the analyte is acceptable; the reported value is an estimate., J4 = The associated batch QC was outside the established quality control range for accuracy.

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - TOTAL PETROLEUM HYDOCARBONS (TPH) & METALS
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYSIS RESULT (µg/L)				
Location		**Domestic-Use Water Supply Well (Parcel 53)**	**Domestic-Use Water Supply Well (Parcel 13)**	**SFRWQCB ESLs***
Sample ID		**GW-1**	**GW-2**	
Sample Depth (feet bgs)		**2/19/2025**	**2/19/2025**	
TPH - EPA Method 8015	C5 - C12	<100	<100	**760**
	C12-C22	<100	<100	**200**
	C22-C32	<100	<100	**--**
	C32-C40	<100	<100	**--**
Metals - EPA Method 6010/7471A	ANTIMONY	<4.00	<4.00	**6**
	ARSENIC	**10.9**	**7.79**	**10**
	BARIUM	**39**	**44.6**	**1000**
	BERYLLIUM	<2.00	<2.00	**4**
	CADMIUM	<1.00	<1.00	**5**
	CHROMIUM	**2.06**	**1.79 J**	**50**
	COBALT	<2.00	<2.00	**6**
	COPPER	**3.69 J**	**9.33**	**1000**
	LEAD	<2.00	<2.00	**15**
	MERCURY	<0.200	<0.200	**2**
	MOLYBDENUM	**8.46**	**7.88**	**100**
	NICKEL	<2.00	<2.00	**100**
	SELENIUM	**0.327 J**	**0.663 J**	**50**
	SILVER	<2.00	<2.00	**2**
	THALLIUM	<2.00	<2.00	**2**
	VANADIUM	**13.6**	**15.2**	**50**
	ZINC	**37.8**	**126**	**5000**

NOTES:
µg/L = Micrograms per liter
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)

* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure.

-- = No established SFRWQCB ESL.
Bold = Detected above the RL
Highlighted = Detected above the SFRWQCB ESL.
Qualifiers:
J = The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCS)
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYSIS RESULT (µg/L)				
Location		**Domestic-Use Water Supply Well (Parcel 53)**	**Domestic-Use Water Supply Well (Parcel 13)**	**SFRWQCB ESLs***
Sample ID		**GW-1**	**GW-2**	
Sample Date		**2/19/2025**	**2/19/2025**	
VOCs - EPA Method 8260B	ACETONE	<50.0	<50.0	**14000**
	ACRYLONITRILE	<10.0	<10.0	**--**
	ACROLEIN	<50.0	<50.0	**0**
	BENZENE	<1.00	<1.00	**1**
	BROMOBENZENE	<1.00	<1.00	**--**
	BROMODICHLOROMETHANE	<1.00	<1.00	**80**
	BROMOFORM	<1.00	<1.00	**80**
	BROMOMETHANE	<5.00	<5.00	**7**
	N-BUTYLBENZENE	<1.00	<1.00	**--**
	SEC-BUTYLBENZENE	<1.00	<1.00	**--**
	TERT-BUTYLBENZENE	<1.00	<1.00	**--**
	CARBON TETRACHLORIDE	<1.00	<1.00	**5**
	CHLOROBENZENE	<1.00	<1.00	**70**
	CHLORODIBROMOMETHANE	<1.00	<1.00	**--**
	CHLOROETHANE	<5.00	<5.00	**21000**
	CHLOROFORM	<5.00	<5.00	**80**
	CHLOROMETHANE	<2.50	<2.50	**190**
	2-CHLOROTOLUENE	<1.00	<1.00	**--**
	4-CHLOROTOLUENE	<1.00	<1.00	**--**
	1,2-DIBROMO-3-CHLOROPROPANE	<5.00	<5.00	**--**
	1,2-DIBROMOETHANE	<1.00	<1.00	**80**
	DIBROMOMETHANE	<1.00	<1.00	**--**
	1,2-DICHLOROBENZENE	<1.00	<1.00	**100**
	1,3-DICHLOROBENZENE	<1.00	<1.00	**600**
	1,4-DICHLOROBENZENE	<1.00	<1.00	**5**
	DICHLORODIFLUOROMETHANE	<5.00	<5.00	**--**
	1,1-DICHLOROETHANE	<1.00	<1.00	**5**
	1,2-DICHLOROETHANE	<1.00	<1.00	**0.5**
	1,1-DICHLOROETHENE	<1.00	<1.00	**6**
	CIS-1,2-DICHLOROETHENE	<1.00	<1.00	**6**
	TRANS-1,2-DICHLOROETHENE	<1.00	<1.00	**10**
	1,2-DICHLOROPROPANE	<1.00	<1.00	**5**
	1,1-DICHLOROPROPENE	<1.00	<1.00	**--**
	1,3-DICHLOROPROPANE	<1.00	<1.00	**0.5**
	CIS-1,3-DICHLOROPROPENE	<1.00	<1.00	**--**
	TRANS-1,3-DICHLOROPROPENE	<1.00	<1.00	**--**
	2,2-DICHLOROPROPANE	<1.00	<1.00	**--**
	DI-ISOPROPYL ETHER	<1.00	<1.00	**--**
	ETHYLBENZENE	<1.00	<1.00	**30**
	HEXACHLORO-1,3-BUTADIENE	<1.00	<1.00	**0.14**
	ISOPROPYLBENZENE	<1.00	<1.00	**--**
	P-ISOPROPYLTOLUENE	<1.00	<1.00	**--**
	2-BUTANONE (MEK)	<10.0	<10.0	**--**
	METHYLENE CHLORIDE	<5.00	<5.00	**5**
	4-METHYL-2-PENTANONE (MIBK)	<10.0	<10.0	**--**
	METHYL TERT-BUTYL ETHER	<1.00	<1.00	**--**
	NAPHTHALENE	<5.00 C3	<5.00	**0.17**
	N-PROPYLBENZENE	<1.00	<1.00	**--**
	STYRENE	<1.00	<1.00	**10**
	1,1,1,2-TETRACHLOROETHANE	<1.00	<1.00	**0.57**
	1,1,2,2-TETRACHLOROETHANE	<1.00	<1.00	**1**
	1,1,2-TRICHLOROTRIFLUOROETHANE	<1.00	<1.00	**--**
	TETRACHLOROETHENE	<1.00	<1.00	**5**
	TOLUENE	<1.00	<1.00	**40**
	1,2,3-TRICHLOROBENZENE	<1.00	<1.00	**--**
	1,2,4-TRICHLOROBENZENE	<1.00	<1.00	**5**
	1,1,1-TRICHLOROETHANE	<1.00	<1.00	**200**
	1,1,2-TRICHLOROETHANE	<1.00	<1.00	**5**
	TRICHLOROETHENE	<1.00	<1.00	**5**
	TRICHLOROFLUOROMETHANE	<5.00	<5.00	**--**
	1,2,3-TRICHLOROPROPANE	<2.50	<2.50	**0.005**
	1,2,4-TRIMETHYLBENZENE	**0.637 J**	**0.484 J**	**--**
	1,2,3-TRIMETHYLBENZENE	**0.223 J**	**0.138 J**	**--**
	VINYL CHLORIDE	<1.00	<1.00	**0.5**
	1,3,5-TRIMETHYLBENZENE	**0.244 J**	**0.163 J**	**--**
	XYLENES, TOTAL	<3.00	<3.00	**20**

NOTES:
µg/L = micrograms per liter
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)

* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure.

-- = No established SFRWQCB ESL.
Bold = Detected above the RL
Highlighted = Detected above the SFRWQCB ESL.
Qualifiers: C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable., J = The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 5
GROUNDWATER ANALYTICAL RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCS)
DEPUE, GERALD PROPERTY
33211 AND 33250 DELANEY
BARSTOW, CALIFORNIA

SAMPLE ID-DEPTH and ANALYSIS RESULT (µg/L)				
Location		Domestic-Use Water Supply Well (Parcel 53)	Domestic-Use Water Supply Well (Parcel 13)	SFRWQCB ESLs*
Sample ID		GW-1	GW-2	
Sample Date		2/19/2025	2/19/2025	
SVOCs - EPA Method 8270C	ACENAPHTHENE	<1.00	<1.00	**530**
	ACENAPHTHYLENE	<1.00	<1.00	**--**
	ANTHRACENE	<1.00	<1.00	**1800**
	BENZIDINE	<10.0 J4	<10.0 J4	**--**
	BENZO(A)ANTHRACENE	<1.00	<1.00	**0.017**
	BENZO(B)FLUORANTHENE	<1.00	<1.00	**0.25**
	BENZO(K)FLUORANTHENE	<1.00	<1.00	**2.5**
	BENZO(G,H,I)PERYLENE	<1.00	<1.00	**--**
	BENZO(A)PYRENE	<1.00	<1.00	**0.2**
	BIS(2-CHLORETHOXY)METHANE	<10.0	<10.0	**--**
	BIS(2-CHLOROETHYL)ETHER	<10.0	<10.0	**0.0063**
	2,2-OXYBIS(1-CHLOROPROPANE)	<10.0	<10.0	**--**
	4-BROMOPHENYL-PHENYLETHER	<10.0	<10.0	**--**
	2-CHLORONAPHTHALENE	<1.00	<1.00	**--**
	4-CHLOROPHENYL-PHENYLETHER	<10.0	<10.0	**--**
	CHRYSENE	<1.00	<1.00	**25**
	DIBENZ(A,H)ANTHRACENE	<1.00	<1.00	**0.025**
	3,3-DICHLOROBENZIDINE	<10.0	<10.0	**0.046**
	2,4-DINITROTOLUENE	<10.0	<10.0	**0.24**
	2,6-DINITROTOLUENE	<10.0	<10.0	**--**
	FLUORANTHENE	<1.00	<1.00	**0.08**
	FLUORENE	<1.00	<1.00	**0.029**
	HEXACHLOROBENZENE	<1.00	<1.00	**1**
	HEXACHLORO-1,3-BUTADIENE	<10.0	<10.0	**--**
	HEXACHLOROCYCLOPENTADIENE	<10.0 C3	<10.0 C3	**--**
	HEXACHLOROETHANE	<10.0	<10.0	**0.33**
	INDENO(1,2,3-CD)PYRENE	<1.00	<1.00	**0.25**
	ISOPHORONE	<10.0	<10.0	**--**
	NAPHTHALENE	<1.00	<1.00	**0.17**
	NITROBENZENE	<10.0	<10.0	**--**
	N-NITROSODIMETHYLAMINE	<10.0	<10.0	**--**
	N-NITROSODIPHENYLAMINE	<10.0	<10.0	**--**
	N-NITROSODI-N-PROPYLAMINE	<10.0	<10.0	**--**
	PHENANTHRENE	<1.00	<1.00	**--**
	BENZYLBUTYL PHTHALATE	<3.00	<3.00	**--**
	BIS(2-ETHYLHEXYL)PHTHALATE	<3.00	<3.00	**--**
	DI-N-BUTYL PHTHALATE	<3.00	<3.00	**--**
	DIETHYL PHTHALATE	<3.00	<3.00	**0.00015**
	DIMETHYL PHTHALATE	<3.00	<3.00	**--**
	DI-N-OCTYL PHTHALATE	<3.00	<3.00	**--**
	PYRENE	<1.00	<1.00	**0.012**
	1,2,4-TRICHLOROBENZENE	<10.0	<10.0	**5**
	4-CHLORO-3-METHYLPHENOL	<10.0	<10.0	**--**
	2-CHLOROPHENOL	<10.0	<10.0	**91**
	2,4-DICHLOROPHENOL	<10.0	<10.0	**46**
	2,4-DIMETHYLPHENOL	<10.0	<10.0	**100**
	4,6-DINITRO-2-METHYLPHENOL	<10.0	<10.0	**--**
	2,4-DINITROPHENOL	<10.0	<10.0	**39**
	2-NITROPHENOL	<10.0	<10.0	**--**
	4-NITROPHENOL	<10.0	<10.0	**--**
	PENTACHLOROPHENOL	<10.0	<10.0	**1**
	2,4,6-TRICHLOROPHENOL	<10.0	<10.0	**0.63**
	PHENOL	<10.0	<10.0	**4200**

NOTES:
µg/L = micrograms per liter
bgs = Below ground surface
EPA = Environmental Protection Agency
< = Not detected above Reported Detection Limit (RL)
* = San Francisco Regional Water Quality Control Board (SFRWQCB) Envoronmental Screening Level (ESL) Commercial/Industrial Soil, Shallow Exposure.
-- = No established SFRWQCB ESL.
Bold = Detected above the RL
Highlighted = Detected above the SFRWQCB ESL.
Qualifiers: C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable., J4 = The associated batch QC was outside the established quality control range for accuracy

Attachment A: Subsurface Surveys Geophysical Investigation Report

SubSurface Surveys
& Associates, Inc.
An Applied Geophysical Company

2075 Corte Del Nogal, Suite W
Carlsbad, CA 92011

Office: (760) 476-0492
Fax: (760) 476-0493

February 19, 2025

Project/Invoice No. 25-071

TRC Solutions
6 Executive Circle, Suite 200
Irvine, California 92614

Attn: Paul Kee

Re: Geophysical Investigation Report, Gerald Depue Property, 33211 Delaney Rd, Barstow, California

This report is to present the results of our geophysical survey carried out over portions of the Gerald Depue property located at 33211 Delaney Road in Barstow, California (Figure 1). The survey was performed on February 17, 2025, and its primary purpose was to detect and delineate, insofar as possible, pipes, conduits, utilities, or other buried obstructions within the immediate vicinity of nine (9) proposed boreholes. A secondary purpose of the survey was to detect, delineate, and characterize, insofar as possible, any unusual substructures within or in the vicinity of an on-site vehicle repair garage. Of primary concern here was the possibility of existing underground fuel or waste oil storage tanks (UST), backfilled excavations resulting from a UST removal, or any remaining UST-related piping or infrastructure.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were brought to the field in anticipation of use. Utility locators with line tracing capabilities were also used where applicable.

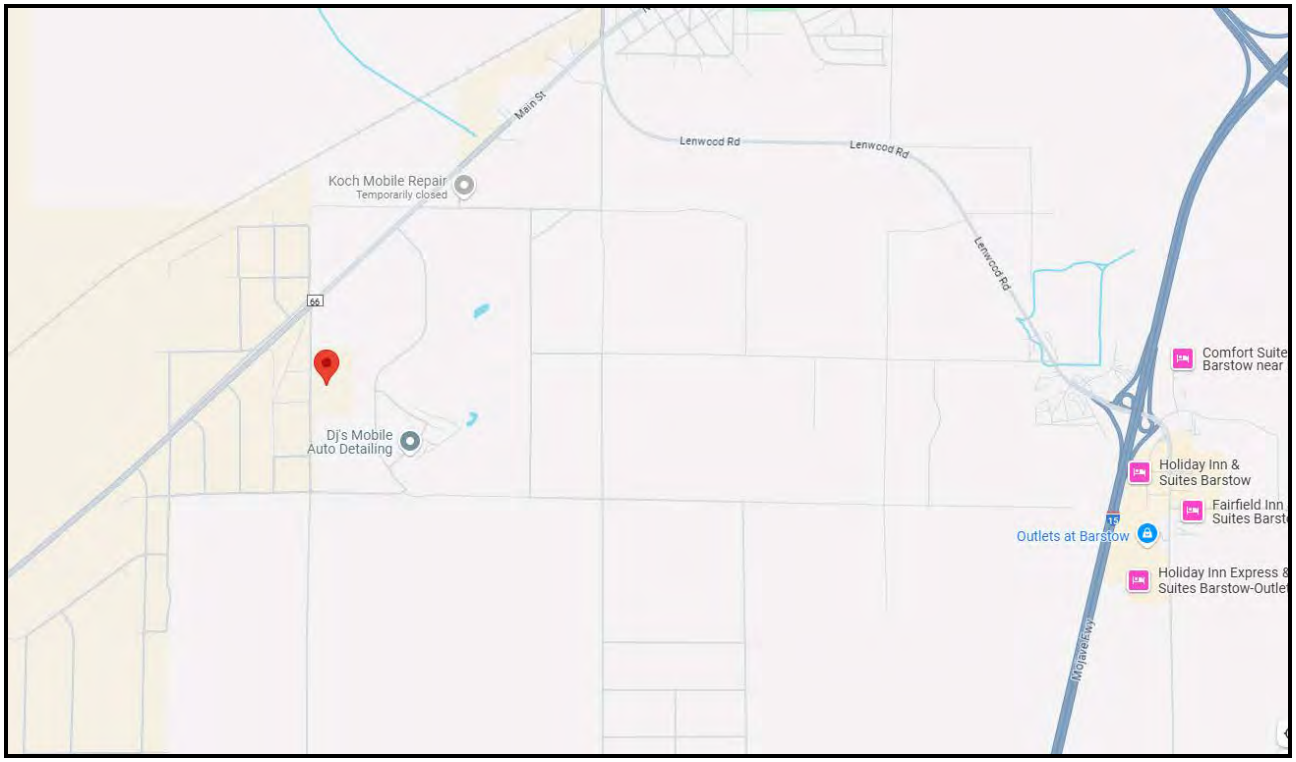


FIGURE 1. Site location map.

Site Description and Survey Design – The nine proposed boreholes were generally spread out equidistantly throughout all portions of the property and were already marked in the field prior to our arrival. The vehicle repair garage to be searched for possible USTs was located at the front of the property near its southwest corner and included an attached private residence. The specific search area is indicated in Figure 2 and note that the interior of the garage was investigated but the private residence was not.

Note that the metal-detecting EM and magnetic instruments were not effective within the garage interior as well as many of the exterior areas due to the very close proximity of numerous aboveground metallic interferences such as stored equipment, junk vehicles, piled trash, chain-link fencing, dumpsters, shipping containers, drums, etc. Consequently, some portions of this investigation could only be conducted with the GPR and utility locators, and many other areas only allowed for limited EM and magnetic traversing and only along certain orientations. Consequently, nearly all aspects of the survey were limited to various degrees.

For all survey objectives, and for the reasons indicated above, the best use of time was achieved by systematically free-traversing with the instruments while simply monitoring them manually, continuously, and in real-time to determine which responses may be significant and due to true subsurface targets, and which are likely due to other non-target or above-ground features and must be ignored (examples being false radar anomalies from nearby building roof overhangs). While free-traversing, no data can be saved in a gridded and contoured format for later report presentation. However, this method is still highly advantageous in that it allows the instrument operator more freedom to position, orient, and start and stop traverses so as to better avoid possible instrument interferences. This enhances our ability to detect true belowground anomalies quicker, which, in turn, facilitates the opportunity to immediately reinvestigate them further as they are initially detected for clarification and confirmation. In this manner, and to the extent that they could be utilized, the GPR, magnetic gradiometer, and EM device were traversed systematically over each survey area. When possible, additional traverses were always taken with all applicable instruments for detailing and confirmation where anomalous conditions were found.

In addition, the line tracers were used to impress signals onto pipes, generally through accessible risers and tracer wires when present, to delineate the lines' locations and orientations. The instruments were also used in passive mode, configured to detect 60 Hz electrical signals and other common radio-frequency signals found in active electrical and communication lines.

A Fischer TW-6 M-Scope was used for the EM sampling. A Sensors & Software Noggin Ground Penetrating Radar unit with a 250 MHz antenna mounted on a SmartCart produced the radar images. The magnetic gradiometer was a Schonstedt GA-52, and the utility locators with line tracing capabilities included a RadioDetection RD8200 and a RIDGID SR-60 SeekTech.

Brief Description of the Geophysical Methods Applied – The TW-6 M-Scope device energizes the ground by producing an alternating primary magnetic field with AC current in a transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response as anomalous conditions. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 7 feet below ground surface (bgs) for the M-Scope are sensed. The device is also somewhat focused; that is, it is more sensitive to conductors below the instrument than they are to conductors off to the side.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at a boundary in the subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth of penetration and image resolution produced are a function of ground electrical conductivity and dielectric constant.

The magnetic gradiometer has two flux gate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits a sound signal at a low frequency. When the instrument passes over a buried iron or steel object, so that locally there is a high magnetic gradient, the frequency of the emitted sound increases. The frequency is a function of the gradient between the two sensors.

The line locator is used to passively detect energized high voltage electric lines and electrical conduit (60 Hz), RF signals (4 to 35 kHz), as well as to actively trace other utilities using a discrete signal. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (256 Hz to 200 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

Interpretation and Conclusions – The interpretation took place in real time as the survey progressed, and accordingly, the findings of our investigation were reported directly to client representative, were marked on the ground cover at the site with spray paint and feather chasers, and are further documented with a site anomaly map (Figure 2), site photographs of the proposed boreholes (Figures 3-14), and site photographs of several items of interest (Figures 15-18). The drill locations in each borehole photograph are labelled according to TRC's borehole numbering scheme and are presented in numerical order. Note that a photograph of BH 4 is not available due to an apparent camera malfunction (Figure 7).

Detected items were marked out on site and are additionally highlighted in the accompanying graphics using red for electric, yellow for propane gas, blue for water, light green for sewer, dark green for the boundaries of two septic tanks, white for the boundaries of a backfilled excavation (black in some accompanying graphics), and pink for small items of random buried debris.

Each proposed borehole, and several alternate locations, were either clear as where originally positioned by TRC or were relocated slightly in order to better avoid detected obstructions. In these final locations they were marked with a white feather chaser and a painted yellow "SSS" to indicate that each had been checked by company personnel. Please review the accompanying site photographs (Figures 3-14) for the final location of each proposed borehole and the locations and orientations of any item detected in their immediate vicinity.

In areas within and surrounding the garage no UST or any other unusual belowground structural anomaly was detected, at least in areas where some amount of space was available for instrument traversing. Note that if a potential anomaly was completely overlain by an obstacle or obstruction, it might not have been detectable. Since the garage was used for vehicle repairs, of primary concern might be the presence of a

waste oil tank. Again, none were detected. However, an aboveground waste oil tank (AST) was observed in the location shown in Figures 2 and 3. No other ASTs were observed throughout the remainder of the garage facility.

Within the garage interior an unusual concrete patch was observed in the location shown in Figures 2 and 15. A resident of the property indicated to us that a hydraulic vehicle hoist had formally been located here but had previously been removed to be reused elsewhere. Ground penetrating radar profiles suggested that the concrete patch is slightly thicker than the remainder of the concrete pad and that the soil underlying the patch is shallowly disturbed. Aside from disturbed soil, nothing else was detected here or throughout the remainder of the garage's interior. This means that the hoist's controls were not remote but rather integrated into the hoist itself, and power likely came from overhead.

The garage's interior restroom appears to connect directly through the wall and into the attached private residence. According to GPR images, the sewer leaves the residence in the location shown in Figure 2 and ultimately heads to an active septic tank (Septic Tank 1) located as shown in Figures 2 and 16. This same septic tank services the double-wide mobile home east of the tank and an occupied trailer RV north of it.

A second, active septic tank (Septic Tank 2) is located along the north side of the property as shown in Figures 2 and 17, and it services the two occupied trailer RVs east and west of the tank. It would now appear that the sewer and septic needs for all residences and occupied RVs have now been accounted for. However, note that there were additional unoccupied structures on site that appeared to be work or business related, and they were not specifically investigated to see if they had wash sinks or restrooms facilities.

A third, inactive septic tank (Septic Tank 3) was located along the north side of the property as shown in Figures 2 and 18. This tank is clearly unused and was visually confirmed to not connect to any underground sewer lines. It would appear that its installation was initiated at some point in the past but never completed.

Please review again the accompanying site anomaly map and site photographs for the locations of all detected, investigated, or visually identified anomalies.

General Geophysical Limitations, Cautions, and Further Recommendations - It should be understood that nearly all work sites possess conditions or configurations limiting the effectiveness of both geophysical instruments and the surveying techniques in which they are deployed. Additionally, when such is not performing optimally it can often times occur unknowingly to the instrument operator. Consequently, the detection of buried objects in all circumstances **cannot be guaranteed**. Such geophysical limitations are numerous and difficult to predict beforehand, but may include such things as rebar-reinforced ground cover or aboveground metallic structures interfering with metal detection, abrupt changes in ground cover type disrupting radar signal, aboveground obstacles preventing full instrument traverses or restricting traverses to one direction only, nearby powerlines or EM transmitters interfering with instrument electronics, highly conductive background soil conditions limiting GPR penetration, non-metallic targets with geo-electrical properties similar to soil, nearby buried objects shielding true targets from detection, tracing signal jumping from the target pipe to nearby non-target conduits, and inaccessible risers, cleanouts, valve boxes, and manholes. If one or more geophysical instrument is rendered ineffective and cannot be utilized, the quality of the survey can be somewhat degraded.

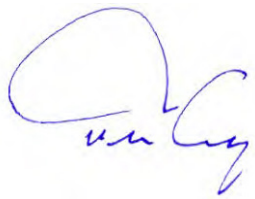
For the above reasons, and in the interest of maximum safety, we encourage clients who may be drilling based on our findings to take advantage of Underground Service Alert (USA), Dig Alert, or other similar

services, when possible. Furthermore, we recommend hand-auguring and the use of a drilling method known as air knifing or vacuum extraction, when feasible or if applicable to this project. These methods may significantly limit damage to underground pipes, conduits, and utilities that might not have been detectable during the course of this survey. Please bear in mind, that geophysical surveying is only one of several levels of protection that is available to our clients.

SubSurface Surveys may include maps in some reports. While they are an accurate general representation of the site and our findings, they are not of engineering quality (i.e., measured and mapped by a licensed land surveyor).

SubSurface Surveys and Associates makes no guarantee either expressed or implied regarding the accuracy of the findings and interpretations present. And, in no event will SubSurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.

All data generated on this project are in confidential file in this office, and are available for review by authorized persons at any time. The opportunity to participate in this investigation is very much appreciated. Please call, if there are questions.



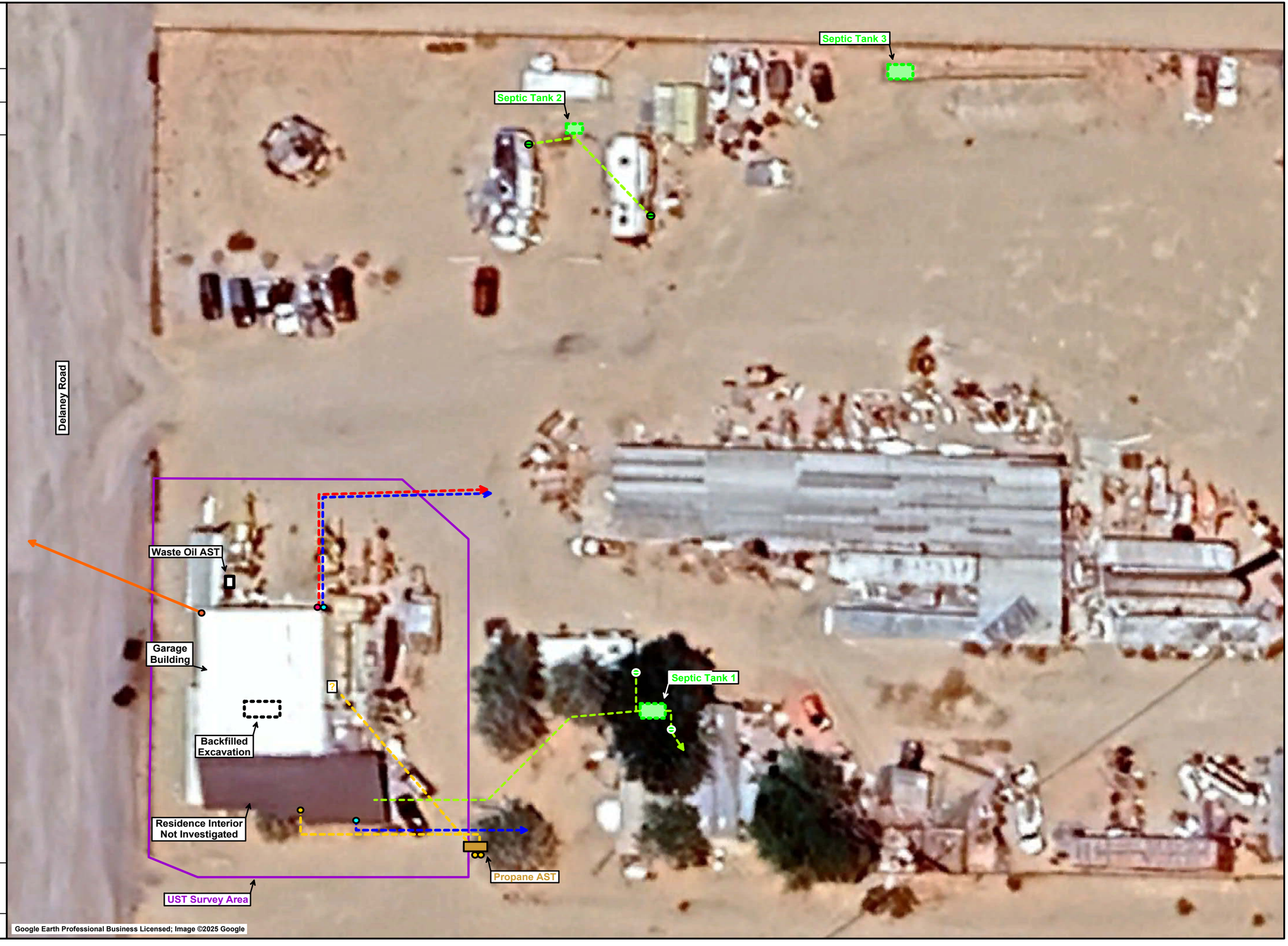
Travis Crosby
California State Geophysics Registration GP1044
Senior Geophysicist, SubSurface Surveys

SITE:
Gerald Depue Property
33211 Delaney Road
Barstow, California

TITLE:	SURVEY DATE:
Site Anom. Map	**February 17, 2025**
PREPARED FOR:	SSS PROJECT NO:
TRC Solutions	**25-071**

LEGEND:

- Electric
- Telephone Overhead
- Water
- Propane
- Sewer
- Electric Riser
- Telephone Riser
- Propane Riser
- Water Riser
- Sewer Cleanout



SCALE
0 30ft

FIGURE 2

Figure 3

Figure 4

Figure 5

Figure 6

Borehole 4
Photograph Not available

Figure 7

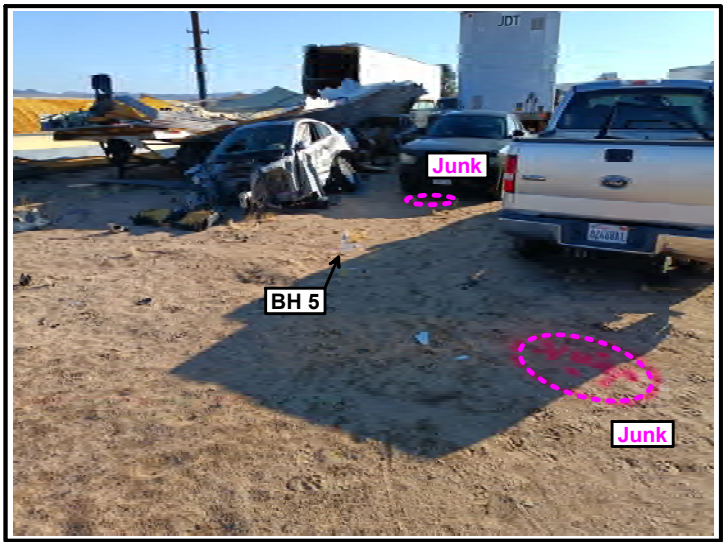


Figure 8

Sub Surface Surveys	SITE: **Gerald Depue Property** **33211 Delaney Road** **Barstow, California**	TITLE: **Borehole and Anomaly Photographs**	SURVEY DATE: **February 17, 2025**
		PREPARED FOR: **TRC Solutions**	SSS PROJECT NO: **25-071**

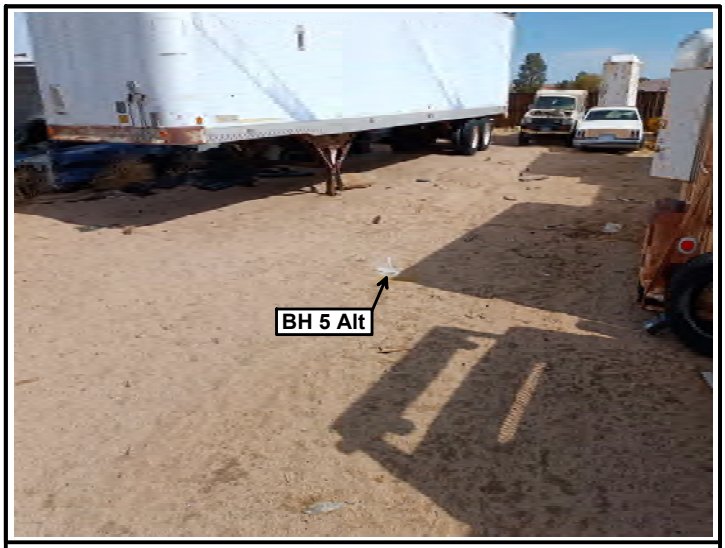


Figure 9

Figure 10

Figure 11

Figure 12

Figure 13

Figure 14

Sub Surface Surveys	SITE: **Gerald Depue Property** **33211 Delaney Road** **Barstow, California**	TITLE: **Borehole and Anomaly Photographs**	SURVEY DATE: **February 17, 2025**
		PREPARED FOR: **TRC Solutions**	SSS PROJECT NO: **25-071**

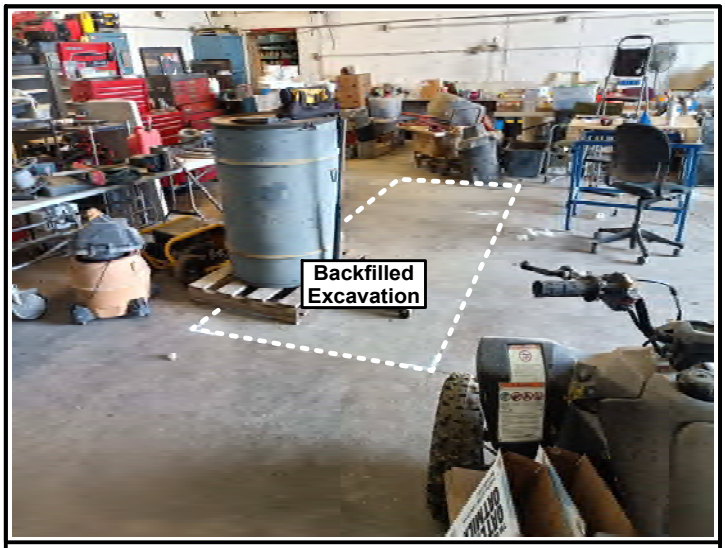


Figure 15

Figure 16

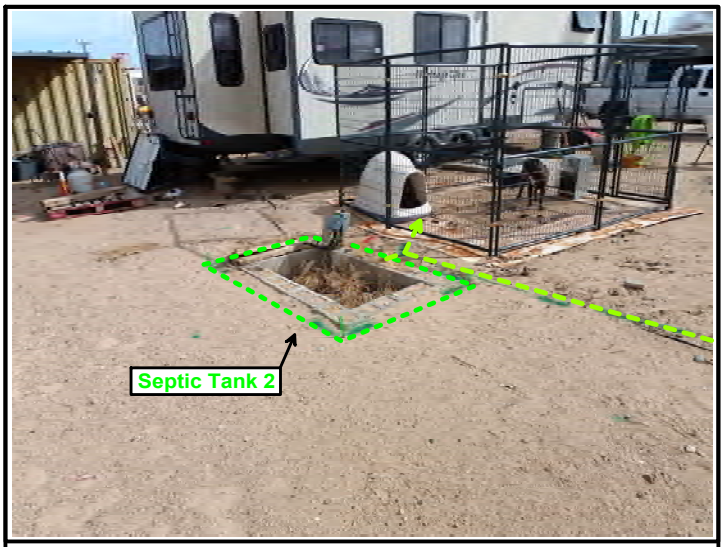


Figure 17

Figure 18

Sub Surface Surveys	SITE: **Gerald Depue Property** **33211 Delaney Road** **Barstow, California**	TITLE: **Borehole and Anomaly Photographs**	SURVEY DATE: **February 17, 2025**
		PREPARED FOR: **TRC Solutions**	SSS PROJECT NO: **25-071**

Attachment B: Boring Logs

SOIL BORING LOG

BORING NO. SB-1

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/18/2025	2/19/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	AIRVAC/ HSA LAR	---	---	20.0	8.5

Boring Location: 33211 Delaney Road, Barstow CA 92311

Personnel
Logged By - Zach Elevario/ Sam Franz
Driller - MR Drilling

Drilling Equipment: AIRVAC/ HSA

Civil Town/City/or Village:	County:	State:
Barstow	San Bernardino	CA

Water Level Observations:
While Drilling: Date/Time — Depth (ft, bgs) N/A
After Drilling: Date/Time — Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
				Air-Knifed to 5 feet. Surface Material: Soil.					
HA	100			**SAND [SP],** light brown (5YR 5/6), loose, moist, medium-coarse grained.	SP			0.2	
				Yellowish brown (10YR 5/4).					
HA	100		5					0.5	0'-5'= Air-Knifed
				Pale brown (10 YR 6/3), trace cobbles.					
SS	100	8 12 14 12						0.0	
			10						Portland Cement (0'-20')
				SILTY SAND [SM], brownish yellow (10YR 6/6), loose, moist, medium grained, trace silt.	SM				
SS	100	8 15 18 22						0.0	
			15						
				SILT [ML], brown (10YR 5/3), medium stiff, moist, fine grained.	ML				
SS	100	17 18 18 23		**SILTY SAND [SM],** brown (10YR 5/3), loose, moist, medium grained.	SM			0.0	
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

Signature:

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6 Executive Circle #200 Irvine, CA, 92614

Phone 9497279336
Fax

Checked By: John Trompeter, PG

SOIL BORING LOG

BORING NO. SB-2

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/18/2025	2/18/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	HAND AUGER	---	---	20.0	4

Boring Location:	Personnel	Drilling Equipment:
33211 Delaney Road, Barstow CA 92311	Logged By - Zach Elevario/ Sam Franz Driller - MR Drilling	HAND AUGER

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Barstow	San Bernardino	CA	While Drilling: Date/Time Depth (ft, bgs) N/A After Drilling: Date/Time Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
				Hand Augered to 20 feet. Surface Material: Soil.					
HA	100			**SAND [SP],** brown (10YR 4/3), loose, moist, medium-coarse grained.				0.0	
				Yellowish brown (10YR 5/4), trace cobbles					
HA	100				SP			0.1	HAND AUGERED TO 20 FEET. SURFACE MATERIAL: SOIL
			5						
HA	100			**SILTY SAND [SM],** yellowish brown (10YR 5/4), loose, moist, fine-medium grained.				0.1	
			10						(0'-20') Portland Cement
HA	100				SM			0.1	
			15						
HA	100			**SAND [SP],** yellowish brown (10YR 5/4), loose, moist, medium-coarse grained.	SP			0.1	
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

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Checked By: John Trompeter, PG

SOIL BORING LOG

BORING NO. SB-3

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/18/2025	2/19/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	AIRVAC/ HSA LAR	---	---	20.0	8.5

Boring Location: 33211 Delaney Road, Barstow CA 92311

Personnel
Logged By - Zach Elevario/ Sam Franz
Driller - MR Drilling

Drilling Equipment: AIRVAC/ HSA

Civil Town/City/or Village:	County:	State:
Barstow	San Bernardino	CA

Water Level Observations:
While Drilling: Date/Time — Depth (ft, bgs) N/A
After Drilling: Date/Time — Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
				Air-Knifed to 5 feet. Surface Material: Soil.					
HA	100			**SAND [SP],** dusky yellow (5Y 6/4), loose, moist, medium-coarse grained.				0.0	
HA	100		5					0.3	0'-5'= Air-Knifed
					SP				
SS	100	8 8 12 8		Brownish yellow (10YR 6/6), loose, trace cobbles.				0.6	
			10						Portland Cement (0'-20')
SS	100	8 6 6 7						0.1	
			15	**SILTY SAND [SM],** brownish yellow (10YR 6/6), loose, moist, medium grained, trace cobbles.	SM				
SS	100	8 10 10 12		**SAND [SP],** brownish yellow (10YR 6/6), loose, moist, medium-coarse grained, trace cobbles.	SP			0.0	
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

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Checked By: John Trompeter, PG

SOIL BORING LOG

BORING NO. SB-4

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/17/2025	2/18/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	AIRVAC/ HSA LAR	---	---	20.0	8.5

Boring Location: 33211 Delaney Road, Barstow CA 92311

Personnel
Logged By - Zach Elevario/ Sam Franz
Driller - MR Drilling

Drilling Equipment: AIRVAC/ HSA

Civil Town/City/or Village:	County:	State:
Barstow	San Bernardino	CA

Water Level Observations:
While Drilling: Date/Time — Depth (ft, bgs) N/A
After Drilling: Date/Time — Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
				Air-Knifed to 5 feet. Surface Material: Soil.					
HA	100			**SILTY SAND [SM],** dark yellowish brown (10YR 4/4), low plasticity, dry-moist, fine-medium grained.	SM			0.0	
HA	100		5	**SAND [SP],** brown (10YR 4/3), loose, moist, medium grained.	SP			0.0	0'-5'= Air-Knifed
SS	100	8 8 6 6		Medium dense, medium-coarse grained.				0.1	
			10						Portland Cement (0'-20')
SS	100	9 11 8 8	15					0.1	
SS	100	6 9 6 8		**SANDY SILT [ML],** yellowish brown (10YR 5/8), medium dense , moist.	ML				
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

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Checked By: John Trompeter, PG

SOIL BORING LOG

BORING NO. SB-5

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/17/2025	2/18/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	AIRVAC/ HSA LAR	---	---	20.0	8.5

Boring Location: 33211 Delaney Road, Barstow CA 92311

Personnel
Logged By - Zach Elevario
Driller - MR Drilling

Drilling Equipment: AIRVAC/ HSA

Civil Town/City/or Village:	County:	State:
Barstow	San Bernardino	CA

Water Level Observations:
While Drilling: Date/Time — Depth (ft, bgs) N/A
After Drilling: Date/Time — Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
			0	Air-Knifed to 5 feet. Surface Material: Soil.					
HA	100			**SAND [SP],** brown (5YR 5/3), loose, dry-moist, medium-coarse grained, cobbles.	SP			0.0	
				Brownish yellow (10YR 6/6), moist, medium grained.					
HA	100		5					0.0	0'-5'= Air-Knifed
SS	100	10 8 8 7		Medium dense, medium-coarse grained.				0.0	
			10						Portland Cement (0'-20')
SS	100	8 8 6 7		Fine-medium grained.				0.1	
			15						
SS	100	9 10 9 7		**CLAY [CL],** brown (10YR 5/3), stiff, moist, medium-high plasticity, trace fine-grained sand.	CL			0.0	
				SAND [SP], yellowish brown (10YR 5/4), loose, moist, medium grained, trace fines.	SP				
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

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SOIL BORING LOG

BORING NO. SB-6

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/18/2025	2/18/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	AIRVAC/ HSA LAR	---	---	20.0	8.5

Boring Location: 33211 Delaney Road, Barstow CA 92311

Personnel
Logged By - Zach Elevario/ Sam Franz
Driller - MR Drilling

Drilling Equipment: AIRVAC/ HSA

Civil Town/City/or Village:	County:	State:
Barstow	San Bernardino	CA

Water Level Observations:
While Drilling: Date/Time — Depth (ft, bgs) N/A
After Drilling: Date/Time — Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
			0	Air-Knifed to 5 feet. Surface Material: Concrete.					
HA	100			**SAND [SP],** moderate brownish (5YR 4/4), loose, moist, medium-coarse grained, trace cobbles.				0.0	
HA	100				SP			0.2	0'-5'= Air-Knifed
			5						
SS	100	8 8 8 8		**SILTY SAND [SM],** pale brown (10YR 6/3), loose, moist, medium grained.				0.1	
			10						Portland Cement (0'-20')
SS	100	8 9 8 6			SM			0.0	
			15						
SS	100	10 8 6 6		**SAND [SP],** pale brown (10YR 6/3), loose, moist, medium-coarse grained.	SP			0.1	
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

Signature:	Firm: TRC Companies Inc. 6 Executive Circle #200 Irvine, CA, 92614	Phone 9497279336 Fax

Checked By: John Trompeter, PG

SOIL BORING LOG

BORING NO. SB-7

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/17/2025	2/18/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	AIRVAC	---	---	20.0	8.5

Boring Location: 33211 Delaney Road, Barstow CA 92311

Personnel
Logged By - Zach Elevario
Driller - MR Drilling

Drilling Equipment: AIRVAC/ HSA

Civil Town/City/or Village:	County:	State:
Barstow	San Bernardino	CA

Water Level Observations:
While Drilling: Date/Time — Depth (ft, bgs) N/A
After Drilling: Date/Time — Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
			0	Air-Knifed to 5 feet. Surface Material: Soil.					
HA	100			**SAND [SP],** brownish yellow (10YR 6/6), loose, dry-moist, poorly graded, trace cobbles.	SP			0.0	
				Moist, fine-medium grained.					0'-5'= Air-Knifed
HA	100		5					0.0	
				Medium dense, medium-coarse grained, cobbles.					
SS	100	10 12 10 11						0.0	
			10						Portland Cement (0'-20')
				SILT [ML], brown (10YR 4/3), stiff, moist, medium dense.	ML				
SS	100	8 8 6 6	15					0.0	
				CLAY [CL], pale brown (10YR 6/3), stiff, moist, high plasticity.	CL				
SS	100	14 12 10 10		**SILTY SAND [SM],** brownish yellow (10YR 6/6), loose, moist, medium grained.	SM			0.0	
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

Signature:	Firm: TRC Companies Inc. 6 Executive Circle #200 Irvine, CA, 92614	Phone 9497279336 Fax

Checked By: John Trompeter, PG

SOIL BORING LOG

BORING NO. SB-8

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/17/2025	2/18/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	AIRVAC	---	---	20.0	8.5

Boring Location: 33211 Delaney Road, Barstow CA 92311

Personnel
Logged By - Zach Elevario
Driller - MR Drilling

Drilling Equipment: AIRVAC/ HSA

Civil Town/City/or Village:	County:	State:
Barstow	San Bernardino	CA

Water Level Observations:
While Drilling: Date/Time — Depth (ft, bgs) N/A
After Drilling: Date/Time — Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
			0	Air-Knifed to 5 feet. Surface Material: Soil.					
HA	100			**SILTY SAND [SM],** brown (10YR 4/3), loose, moist, fine-medium grained.				0.1	
HA	100			Medium-coarse grained sand.	SM			0.1	0'-5'= Air-Knifed
			5						
SS	100	9 11 11 12		**SAND [SP],** yellowish brown (10YR 5/6), loose, moist, medium grained.				0.1	
			10		SP				Portland Cement (0'-20')
SS	100	8 8 7 6		**SANDY SILT [ML],** brown (10YR 4/3), medium stiff, moist, fine-medium grained, low-medium plasticity.				0.0	
			15		ML				
SS	100	7 8 6 11		Dark yellowish brown (10YR 4/4).				0.1	
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

Signature:

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6 Executive Circle #200 Irvine, CA, 92614

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Checked By: John Trompeter, PG

SOIL BORING LOG

BORING NO. SB-9

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/17/2025	2/18/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	AIRVAC/ HSA LAR	---	---	20.0	8.5

Boring Location: 33211 Delaney Road, Barstow CA 92311

Personnel
Logged By - Zach Elevario
Driller - MR Drilling

Drilling Equipment: AIRVAC/ HSA

Civil Town/City/or Village:	County:	State:
Barstow	San Bernardino	CA

Water Level Observations:
While Drilling: Date/Time — Depth (ft, bgs) N/A
After Drilling: Date/Time — Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
			0	Air-Knifed to 5 feet. Surface Material: Soil.					
HA	100			**SAND [SP],** yellowish brown (10YR 5/4), loose, moist, medium-coarse grained, trace cobbles.	SP			0.0	
HA	100		5	**SILTY SAND [SM],** pale brown (10YR 6/3), loose, moist, fine grained, trace cobbles.	SM			0.0	0'-5'= Air-Knifed
SS	13	50 for 3"		**SAND [SP],** yellowish brown (10YR 5/4), loose, moist, medium-coarse grained.	SP			0.1	
			10						Portland Cement (0'-20')
SS	100	10 12 9 8		**SILTY SAND [SM],** dark yellowish brown (10YR 4/4), loose, moist, fine-medium grained, low plasticity, trace fines.				0.1	
			15		SM				
SS	100	12 8 8 7		Brown (10YR 4/3), medium dense.				0.0	
			20	BORING TERMINATED AT 20 FEET BELOW GRADE					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

Signature:

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SOIL BORING LOG

BORING NO. SB-10

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
BNSF-Depue, Gerald Property	2/19/2025	2/19/2025	645787

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
MR Drilling	HAND AUGER	---	---	5.0	4

Boring Location:	Personnel	Drilling Equipment:
33211 Delaney Road, Barstow CA 92311	Logged By - Sam Franz Driller - MR Drilling	HAND AUGER

Civil Town/City/or Village:	County:	State:	Water Level Observations:	
Barstow	San Bernardino	CA	While Drilling: Date/Time	Depth (ft, bgs) N/A
			After Drilling: Date/Time	Depth (ft, bgs) N/A

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				Hand Augered to 5 feet. Surface Material: Soil.				
HA	100			**SAND [SP],** reddish yellow (7.5YR), loose, moist, medium-coarse grained, trace cobbles.	SP		0.0	
HA	100						0.0	
			5	BORING TERMINATED AT 5 FEET BELOW GRADE				
			10					
			15					
			20					

SOIL BORING WELL CONSTRUCTION LOG BNSF- DEPUE, GERALD BORING LOGS.GPJ 645787 4/7/25

Signature:

Firm: TRC Companies Inc.
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Attachment C: Laboratory Analysis Reports

Attachment C: Laboratory Analysis Reports

ANALYTICAL REPORT

February 27, 2025

TRC - BNSF Region 4

Sample Delivery Group:	L1827881
Samples Received:	02/18/2025
Project Number:	645787 / 00TA02
Description:	BNSF - Gerald Depue

Report To: Paul Kee
6 Executive Circle, Suite 200
Irvine, CA 92614

Entire Report Reviewed By:

Andi R Jones
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SB-9-2 L1827881-01 Solid

Collected by: Sam Franz | Collected date/time: 02/17/25 08:45 | Received date/time: 02/18/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2454576	1	02/20/25 09:00	02/20/25 09:09	KDW	Mt. Juliet, TN
Mercury by Method 7471B	WG2454730	1	02/20/25 12:28	02/21/25 13:47	NDL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2454975	1	02/20/25 15:16	02/21/25 10:12	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2455848	25	02/17/25 08:45	02/22/25 02:12	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2455050	1	02/17/25 08:45	02/20/25 14:16	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2454863	1	02/21/25 05:59	02/22/25 01:11	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457390	1	02/25/25 09:20	02/26/25 00:33	EPF	Mt. Juliet, TN

SB-8-2 L1827881-03 Solid

Collected by: Sam Franz | Collected date/time: 02/17/25 10:30 | Received date/time: 02/18/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2454576	1	02/20/25 09:00	02/20/25 09:09	KDW	Mt. Juliet, TN
Mercury by Method 7471B	WG2455054	1	02/21/25 13:04	02/23/25 17:07	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2454975	1	02/20/25 15:16	02/21/25 10:29	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2455289	25	02/17/25 10:30	02/21/25 00:47	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2455050	1	02/17/25 10:30	02/20/25 14:35	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2454863	1	02/21/25 05:59	02/22/25 00:11	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457390	1	02/25/25 09:20	02/25/25 21:28	JRM	Mt. Juliet, TN

SB-7-2 L1827881-05 Solid

Collected by: Sam Franz | Collected date/time: 02/17/25 12:35 | Received date/time: 02/18/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2454577	1	02/20/25 09:13	02/20/25 09:22	JAV	Mt. Juliet, TN
Mercury by Method 7471B	WG2455054	1	02/21/25 13:04	02/23/25 17:09	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2454975	1	02/20/25 15:16	02/21/25 10:30	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2455289	25	02/17/25 12:35	02/21/25 01:09	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2455050	1	02/17/25 12:35	02/20/25 14:54	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2454863	1	02/21/25 05:59	02/22/25 00:25	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457390	1	02/25/25 09:20	02/25/25 21:48	JRM	Mt. Juliet, TN

SB-5-2 L1827881-07 Solid

Collected by: Sam Franz | Collected date/time: 02/17/25 13:04 | Received date/time: 02/18/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2454577	1	02/20/25 09:13	02/20/25 09:22	JAV	Mt. Juliet, TN
Mercury by Method 7471B	WG2455054	1	02/21/25 13:04	02/23/25 17:12	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2454975	1	02/20/25 15:16	02/21/25 10:32	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2455289	25	02/17/25 13:04	02/21/25 01:32	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2455050	1	02/17/25 13:04	02/20/25 15:13	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2454863	1	02/21/25 05:59	02/21/25 23:57	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457390	1	02/25/25 09:20	02/25/25 22:09	JRM	Mt. Juliet, TN

SB-4-2 L1827881-09 Solid

Collected by: Sam Franz | Collected date/time: 02/17/25 13:43 | Received date/time: 02/18/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2454577	1	02/20/25 09:13	02/20/25 09:22	JAV	Mt. Juliet, TN
Mercury by Method 7471B	WG2455054	1	02/21/25 13:04	02/23/25 17:15	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2454975	1	02/20/25 15:16	02/21/25 10:34	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2455289	27.3	02/17/25 13:43	02/21/25 01:54	ACG	Mt. Juliet, TN

SB-4-2 L1827881-09 Solid

Collected by: Sam Franz
Collected date/time: 02/17/25 13:43
Received date/time: 02/18/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2455050	1.09	02/17/25 13:43	02/20/25 15:32	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2454863	1	02/21/25 05:59	02/22/25 00:40	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457390	1	02/25/25 09:20	02/25/25 22:29	ADF	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Andi R Jones
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.2		1	02/20/2025 09:09	WG2454576

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0214	0.0416	1	02/21/2025 13:47	WG2454730

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.718	2.08	1	02/21/2025 10:12	WG2454975
Arsenic	2.37		0.870	2.08	1	02/21/2025 10:12	WG2454975
Barium	52.0		0.0883	0.520	1	02/21/2025 10:12	WG2454975
Beryllium	0.313		0.0496	0.208	1	02/21/2025 10:12	WG2454975
Cadmium	0.114	J	0.0679	0.520	1	02/21/2025 10:12	WG2454975
Chromium	9.73		0.222	1.04	1	02/21/2025 10:12	WG2454975
Cobalt	5.54		0.184	1.04	1	02/21/2025 10:12	WG2454975
Copper	8.84		0.371	2.08	1	02/21/2025 10:12	WG2454975
Lead	4.52		0.339	0.520	1	02/21/2025 10:12	WG2454975
Molybdenum	0.227	J	0.0177	0.520	1	02/21/2025 10:12	WG2454975
Nickel	5.50		0.208	2.08	1	02/21/2025 10:12	WG2454975
Selenium	U		1.11	2.08	1	02/21/2025 10:12	WG2454975
Silver	U		0.132	1.04	1	02/21/2025 10:12	WG2454975
Thallium	U		0.538	2.08	1	02/21/2025 10:12	WG2454975
Vanadium	37.7		0.398	2.08	1	02/21/2025 10:12	WG2454975
Zinc	21.2		1.01	5.20	1	02/21/2025 10:12	WG2454975

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	2.63	J	0.897	2.70	25	02/22/2025 02:12	WG2455848
(S) a,a,a-Trifluorotoluene(FID)	*97.8*			*77.0-120*		*02/22/2025 02:12*	WG2455848

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0395	0.0540	1	02/20/2025 14:16	WG2455050
Acrylonitrile	U		0.00390	0.0135	1	02/20/2025 14:16	WG2455050
Benzene	0.000513	J	0.000505	0.00108	1	02/20/2025 14:16	WG2455050
Bromobenzene	U		0.000973	0.0135	1	02/20/2025 14:16	WG2455050
Bromodichloromethane	U		0.000784	0.00270	1	02/20/2025 14:16	WG2455050
Bromoform	U		0.00126	0.0270	1	02/20/2025 14:16	WG2455050
Bromomethane	U	C3	0.00213	0.0135	1	02/20/2025 14:16	WG2455050
n-Butylbenzene	U		0.00567	0.0135	1	02/20/2025 14:16	WG2455050
sec-Butylbenzene	U		0.00311	0.0135	1	02/20/2025 14:16	WG2455050
tert-Butylbenzene	U		0.00211	0.00540	1	02/20/2025 14:16	WG2455050
Carbon tetrachloride	U		0.000971	0.00540	1	02/20/2025 14:16	WG2455050
Chlorobenzene	U		0.000227	0.00270	1	02/20/2025 14:16	WG2455050
Chlorodibromomethane	U		0.000662	0.00270	1	02/20/2025 14:16	WG2455050
Chloroethane	U		0.00184	0.00540	1	02/20/2025 14:16	WG2455050
Chloroform	U		0.00111	0.00270	1	02/20/2025 14:16	WG2455050
Chloromethane	U		0.00470	0.0135	1	02/20/2025 14:16	WG2455050
2-Chlorotoluene	U		0.000935	0.00270	1	02/20/2025 14:16	WG2455050

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000486	0.00540	1	02/20/2025 14:16	WG2455050
1,2-Dibromo-3-Chloropropane	U		0.00422	0.0270	1	02/20/2025 14:16	WG2455050
1,2-Dibromoethane	U		0.000700	0.00270	1	02/20/2025 14:16	WG2455050
Dibromomethane	U		0.000811	0.00540	1	02/20/2025 14:16	WG2455050
1,2-Dichlorobenzene	U		0.000459	0.00540	1	02/20/2025 14:16	WG2455050
1,3-Dichlorobenzene	U		0.000649	0.00540	1	02/20/2025 14:16	WG2455050
1,4-Dichlorobenzene	U		0.000757	0.00540	1	02/20/2025 14:16	WG2455050
Dichlorodifluoromethane	U		0.00174	0.00540	1	02/20/2025 14:16	WG2455050
1,1-Dichloroethane	U		0.000531	0.00270	1	02/20/2025 14:16	WG2455050
1,2-Dichloroethane	U		0.000702	0.00270	1	02/20/2025 14:16	WG2455050
1,1-Dichloroethene	U		0.000655	0.00270	1	02/20/2025 14:16	WG2455050
cis-1,2-Dichloroethene	U		0.000793	0.00270	1	02/20/2025 14:16	WG2455050
trans-1,2-Dichloroethene	U		0.00112	0.00540	1	02/20/2025 14:16	WG2455050
1,2-Dichloropropane	U		0.00153	0.00540	1	02/20/2025 14:16	WG2455050
1,1-Dichloropropene	U		0.000874	0.00270	1	02/20/2025 14:16	WG2455050
1,3-Dichloropropane	U		0.000542	0.00540	1	02/20/2025 14:16	WG2455050
cis-1,3-Dichloropropene	U		0.000818	0.00270	1	02/20/2025 14:16	WG2455050
trans-1,3-Dichloropropene	U		0.00123	0.00540	1	02/20/2025 14:16	WG2455050
2,2-Dichloropropane	U		0.00149	0.00270	1	02/20/2025 14:16	WG2455050
Di-isopropyl ether	U		0.000443	0.00108	1	02/20/2025 14:16	WG2455050
Ethylbenzene	0.0284		0.000797	0.00270	1	02/20/2025 14:16	WG2455050
Hexachloro-1,3-butadiene	U		0.00649	0.0270	1	02/20/2025 14:16	WG2455050
Isopropylbenzene	0.00162	J	0.000459	0.00270	1	02/20/2025 14:16	WG2455050
p-Isopropyltoluene	U		0.00276	0.00540	1	02/20/2025 14:16	WG2455050
2-Butanone (MEK)	U		0.0686	0.108	1	02/20/2025 14:16	WG2455050
Methylene Chloride	U		0.00718	0.0270	1	02/20/2025 14:16	WG2455050
4-Methyl-2-pentanone (MIBK)	U		0.00246	0.0270	1	02/20/2025 14:16	WG2455050
Methyl tert-butyl ether	U		0.000378	0.00108	1	02/20/2025 14:16	WG2455050
Naphthalene	0.0211		0.00527	0.0135	1	02/20/2025 14:16	WG2455050
n-Propylbenzene	0.00244	J	0.00103	0.00540	1	02/20/2025 14:16	WG2455050
Styrene	U		0.000248	0.0135	1	02/20/2025 14:16	WG2455050
1,1,1,2-Tetrachloroethane	U		0.00102	0.00270	1	02/20/2025 14:16	WG2455050
1,1,2,2-Tetrachloroethane	U	J4	0.000751	0.00270	1	02/20/2025 14:16	WG2455050
1,1,2-Trichlorotrifluoroethane	U		0.000815	0.00270	1	02/20/2025 14:16	WG2455050
Tetrachloroethene	U		0.000969	0.00270	1	02/20/2025 14:16	WG2455050
Toluene	0.00241	J	0.00141	0.00540	1	02/20/2025 14:16	WG2455050
1,2,3-Trichlorobenzene	U		0.00792	0.0135	1	02/20/2025 14:16	WG2455050
1,2,4-Trichlorobenzene	U		0.00476	0.0135	1	02/20/2025 14:16	WG2455050
1,1,1-Trichloroethane	U		0.000998	0.00270	1	02/20/2025 14:16	WG2455050
1,1,2-Trichloroethane	U		0.000645	0.00270	1	02/20/2025 14:16	WG2455050
Trichloroethene	U		0.000631	0.00108	1	02/20/2025 14:16	WG2455050
Trichlorofluoromethane	U		0.000894	0.00270	1	02/20/2025 14:16	WG2455050
1,2,3-Trichloropropane	U		0.00175	0.0135	1	02/20/2025 14:16	WG2455050
1,2,4-Trimethylbenzene	0.00593		0.00171	0.00540	1	02/20/2025 14:16	WG2455050
1,2,3-Trimethylbenzene	U		0.00171	0.00540	1	02/20/2025 14:16	WG2455050
Vinyl chloride	U	J4	0.00125	0.00270	1	02/20/2025 14:16	WG2455050
1,3,5-Trimethylbenzene	U		0.00216	0.00540	1	02/20/2025 14:16	WG2455050
Xylenes, Total	0.198		0.000951	0.00703	1	02/20/2025 14:16	WG2455050
(S) Toluene-d8	*101*			*75.0-131*		*02/20/2025 14:16*	WG2455050
(S) 4-Bromofluorobenzene	*88.1*			*67.0-138*		*02/20/2025 14:16*	WG2455050
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*02/20/2025 14:16*	WG2455050

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	6.93		2.63	4.16	1	02/22/2025 01:11	WG2454863
C22-C32 Hydrocarbons	71.5		2.63	4.16	1	02/22/2025 01:11	WG2454863
C32-C40 Hydrocarbons	20.1		2.63	4.16	1	02/22/2025 01:11	WG2454863
(S) o-Terphenyl	*68.4*			*18.0-148*		*02/22/2025 01:11*	WG2454863

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00560	0.0346	1	02/26/2025 00:33	WG2457390
Acenaphthylene	U		0.00487	0.0346	1	02/26/2025 00:33	WG2457390
Anthracene	U		0.00616	0.0346	1	02/26/2025 00:33	WG2457390
Benzidine	U		0.0651	1.74	1	02/26/2025 00:33	WG2457390
Benzo(a)anthracene	U		0.00610	0.0346	1	02/26/2025 00:33	WG2457390
Benzo(b)fluoranthene	U		0.00645	0.0346	1	02/26/2025 00:33	WG2457390
Benzo(k)fluoranthene	U		0.00615	0.0346	1	02/26/2025 00:33	WG2457390
Benzo(g,h,i)perylene	U		0.00633	0.0346	1	02/26/2025 00:33	WG2457390
Benzo(a)pyrene	U		0.00643	0.0346	1	02/26/2025 00:33	WG2457390
Bis(2-chlorethoxy)methane	U		0.0104	0.346	1	02/26/2025 00:33	WG2457390
Bis(2-chloroethyl)ether	U		0.0114	0.346	1	02/26/2025 00:33	WG2457390
2,2-Oxybis(1-Chloropropane)	U		0.0150	0.346	1	02/26/2025 00:33	WG2457390
4-Bromophenyl-phenylether	U		0.0122	0.346	1	02/26/2025 00:33	WG2457390
2-Chloronaphthalene	U		0.00608	0.0346	1	02/26/2025 00:33	WG2457390
4-Chlorophenyl-phenylether	U		0.0121	0.346	1	02/26/2025 00:33	WG2457390
Chrysene	U		0.00688	0.0346	1	02/26/2025 00:33	WG2457390
Dibenz(a,h)anthracene	U		0.00959	0.0346	1	02/26/2025 00:33	WG2457390
3,3-Dichlorobenzidine	U		0.0128	0.346	1	02/26/2025 00:33	WG2457390
2,4-Dinitrotoluene	U		0.00993	0.346	1	02/26/2025 00:33	WG2457390
2,6-Dinitrotoluene	U		0.0113	0.346	1	02/26/2025 00:33	WG2457390
Fluoranthene	U		0.00625	0.0346	1	02/26/2025 00:33	WG2457390
Fluorene	U		0.00563	0.0346	1	02/26/2025 00:33	WG2457390
Hexachlorobenzene	U		0.0123	0.346	1	02/26/2025 00:33	WG2457390
Hexachloro-1,3-butadiene	U		0.0116	0.346	1	02/26/2025 00:33	WG2457390
Hexachlorocyclopentadiene	U	C3	0.0182	0.346	1	02/26/2025 00:33	WG2457390
Hexachloroethane	U		0.0136	0.346	1	02/26/2025 00:33	WG2457390
Indeno(1,2,3-cd)pyrene	U		0.00978	0.0346	1	02/26/2025 00:33	WG2457390
Isophorone	U		0.0106	0.346	1	02/26/2025 00:33	WG2457390
Naphthalene	0.0266	J	0.00869	0.0346	1	02/26/2025 00:33	WG2457390
Nitrobenzene	U		0.0121	0.346	1	02/26/2025 00:33	WG2457390
n-Nitrosodimethylamine	U		0.0513	0.346	1	02/26/2025 00:33	WG2457390
n-Nitrosodiphenylamine	U		0.0262	0.346	1	02/26/2025 00:33	WG2457390
n-Nitrosodi-n-propylamine	U		0.0115	0.346	1	02/26/2025 00:33	WG2457390
Phenanthrene	U		0.00687	0.0346	1	02/26/2025 00:33	WG2457390
Benzylbutyl phthalate	U		0.0108	0.346	1	02/26/2025 00:33	WG2457390
Bis(2-ethylhexyl)phthalate	U		0.0439	0.346	1	02/26/2025 00:33	WG2457390
Di-n-butyl phthalate	U		0.0118	0.346	1	02/26/2025 00:33	WG2457390
Diethyl phthalate	U		0.0114	0.346	1	02/26/2025 00:33	WG2457390
Dimethyl phthalate	U		0.0734	0.346	1	02/26/2025 00:33	WG2457390
Di-n-octyl phthalate	U		0.0234	0.346	1	02/26/2025 00:33	WG2457390
Pyrene	U		0.00674	0.0346	1	02/26/2025 00:33	WG2457390
1,2,4-Trichlorobenzene	U		0.0108	0.346	1	02/26/2025 00:33	WG2457390
4-Chloro-3-methylphenol	U		0.0112	0.346	1	02/26/2025 00:33	WG2457390
2-Chlorophenol	U		0.0114	0.346	1	02/26/2025 00:33	WG2457390
2,4-Dichlorophenol	U		0.0101	0.346	1	02/26/2025 00:33	WG2457390
2,4-Dimethylphenol	U	C3	0.00904	0.346	1	02/26/2025 00:33	WG2457390
4,6-Dinitro-2-methylphenol	U		0.0785	0.346	1	02/26/2025 00:33	WG2457390
2,4-Dinitrophenol	U		0.0810	0.346	1	02/26/2025 00:33	WG2457390

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0104	0.346	1	02/26/2025 00:33	WG2457390
3&4-Methyl Phenol	U		0.0108	0.346	1	02/26/2025 00:33	WG2457390
2-Nitrophenol	U		0.0124	0.346	1	02/26/2025 00:33	WG2457390
4-Nitrophenol	U		0.0108	0.346	1	02/26/2025 00:33	WG2457390
Pentachlorophenol	U		0.00931	0.346	1	02/26/2025 00:33	WG2457390
Pyridine	U		0.0229	0.346	1	02/26/2025 00:33	WG2457390
2,4,5-Trichlorophenol	U		0.0117	0.346	1	02/26/2025 00:33	WG2457390
2,4,6-Trichlorophenol	U		0.0111	0.346	1	02/26/2025 00:33	WG2457390
Phenol	U		0.0139	0.346	1	02/26/2025 00:33	WG2457390
(S) 2-Fluorophenol	*49.2*			*12.0-120*		*02/26/2025 00:33*	WG2457390
(S) Phenol-d5	*45.8*			*10.0-120*		*02/26/2025 00:33*	WG2457390
(S) Nitrobenzene-d5	*42.8*			*10.0-122*		*02/26/2025 00:33*	WG2457390
(S) 2-Fluorobiphenyl	*48.3*			*15.0-120*		*02/26/2025 00:33*	WG2457390
(S) 2,4,6-Tribromophenol	*47.7*			*10.0-127*		*02/26/2025 00:33*	WG2457390
(S) p-Terphenyl-d14	*51.7*			*10.0-120*		*02/26/2025 00:33*	WG2457390

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.3		1	02/20/2025 09:09	WG2454576

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0223	0.0434	1	02/23/2025 17:07	WG2455054

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.749	2.17	1	02/21/2025 10:29	WG2454975
Arsenic	3.32		0.907	2.17	1	02/21/2025 10:29	WG2454975
Barium	90.0		0.0921	0.542	1	02/21/2025 10:29	WG2454975
Beryllium	0.408		0.0517	0.217	1	02/21/2025 10:29	WG2454975
Cadmium	0.142	J	0.0708	0.542	1	02/21/2025 10:29	WG2454975
Chromium	11.7		0.232	1.08	1	02/21/2025 10:29	WG2454975
Cobalt	5.94		0.192	1.08	1	02/21/2025 10:29	WG2454975
Copper	11.3		0.387	2.17	1	02/21/2025 10:29	WG2454975
Lead	3.93		0.353	0.542	1	02/21/2025 10:29	WG2454975
Molybdenum	0.299	J	0.0184	0.542	1	02/21/2025 10:29	WG2454975
Nickel	8.04		0.217	2.17	1	02/21/2025 10:29	WG2454975
Selenium	U		1.16	2.17	1	02/21/2025 10:29	WG2454975
Silver	0.166	J	0.138	1.08	1	02/21/2025 10:29	WG2454975
Thallium	U		0.561	2.17	1	02/21/2025 10:29	WG2454975
Vanadium	33.6		0.415	2.17	1	02/21/2025 10:29	WG2454975
Zinc	30.3		1.06	5.42	1	02/21/2025 10:29	WG2454975

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.972	2.93	25	02/21/2025 00:47	WG2455289
(S) a,a,a-Trifluorotoluene(FID)	*94.5*			*77.0-120*		*02/21/2025 00:47*	WG2455289

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0427	0.0585	1	02/20/2025 14:35	WG2455050
Acrylonitrile	U		0.00423	0.0146	1	02/20/2025 14:35	WG2455050
Benzene	U		0.000547	0.00117	1	02/20/2025 14:35	WG2455050
Bromobenzene	U		0.00105	0.0146	1	02/20/2025 14:35	WG2455050
Bromodichloromethane	U		0.000849	0.00293	1	02/20/2025 14:35	WG2455050
Bromoform	U		0.00137	0.0293	1	02/20/2025 14:35	WG2455050
Bromomethane	U	C3	0.00231	0.0146	1	02/20/2025 14:35	WG2455050
n-Butylbenzene	U		0.00615	0.0146	1	02/20/2025 14:35	WG2455050
sec-Butylbenzene	U		0.00337	0.0146	1	02/20/2025 14:35	WG2455050
tert-Butylbenzene	U		0.00228	0.00585	1	02/20/2025 14:35	WG2455050
Carbon tetrachloride	U		0.00105	0.00585	1	02/20/2025 14:35	WG2455050
Chlorobenzene	U		0.000246	0.00293	1	02/20/2025 14:35	WG2455050
Chlorodibromomethane	U		0.000717	0.00293	1	02/20/2025 14:35	WG2455050
Chloroethane	U		0.00199	0.00585	1	02/20/2025 14:35	WG2455050
Chloroform	U		0.00121	0.00293	1	02/20/2025 14:35	WG2455050
Chloromethane	U		0.00509	0.0146	1	02/20/2025 14:35	WG2455050
2-Chlorotoluene	U		0.00101	0.00293	1	02/20/2025 14:35	WG2455050

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000527	0.00585	1	02/20/2025 14:35	WG2455050
1,2-Dibromo-3-Chloropropane	U		0.00457	0.0293	1	02/20/2025 14:35	WG2455050
1,2-Dibromoethane	U		0.000759	0.00293	1	02/20/2025 14:35	WG2455050
Dibromomethane	U		0.000878	0.00585	1	02/20/2025 14:35	WG2455050
1,2-Dichlorobenzene	U		0.000498	0.00585	1	02/20/2025 14:35	WG2455050
1,3-Dichlorobenzene	U		0.000703	0.00585	1	02/20/2025 14:35	WG2455050
1,4-Dichlorobenzene	U		0.000820	0.00585	1	02/20/2025 14:35	WG2455050
Dichlorodifluoromethane	U		0.00189	0.00585	1	02/20/2025 14:35	WG2455050
1,1-Dichloroethane	U		0.000575	0.00293	1	02/20/2025 14:35	WG2455050
1,2-Dichloroethane	U		0.000760	0.00293	1	02/20/2025 14:35	WG2455050
1,1-Dichloroethene	U		0.000710	0.00293	1	02/20/2025 14:35	WG2455050
cis-1,2-Dichloroethene	U		0.000859	0.00293	1	02/20/2025 14:35	WG2455050
trans-1,2-Dichloroethene	U		0.00122	0.00585	1	02/20/2025 14:35	WG2455050
1,2-Dichloropropane	U		0.00166	0.00585	1	02/20/2025 14:35	WG2455050
1,1-Dichloropropene	U		0.000947	0.00293	1	02/20/2025 14:35	WG2455050
1,3-Dichloropropane	U		0.000587	0.00585	1	02/20/2025 14:35	WG2455050
cis-1,3-Dichloropropene	U		0.000886	0.00293	1	02/20/2025 14:35	WG2455050
trans-1,3-Dichloropropene	U		0.00133	0.00585	1	02/20/2025 14:35	WG2455050
2,2-Dichloropropane	U		0.00162	0.00293	1	02/20/2025 14:35	WG2455050
Di-isopropyl ether	U		0.000480	0.00117	1	02/20/2025 14:35	WG2455050
Ethylbenzene	U		0.000863	0.00293	1	02/20/2025 14:35	WG2455050
Hexachloro-1,3-butadiene	U		0.00703	0.0293	1	02/20/2025 14:35	WG2455050
Isopropylbenzene	U		0.000498	0.00293	1	02/20/2025 14:35	WG2455050
p-Isopropyltoluene	U		0.00299	0.00585	1	02/20/2025 14:35	WG2455050
2-Butanone (MEK)	U		0.0744	0.117	1	02/20/2025 14:35	WG2455050
Methylene Chloride	U		0.00777	0.0293	1	02/20/2025 14:35	WG2455050
4-Methyl-2-pentanone (MIBK)	U		0.00267	0.0293	1	02/20/2025 14:35	WG2455050
Methyl tert-butyl ether	U		0.000410	0.00117	1	02/20/2025 14:35	WG2455050
Naphthalene	U		0.00571	0.0146	1	02/20/2025 14:35	WG2455050
n-Propylbenzene	U		0.00111	0.00585	1	02/20/2025 14:35	WG2455050
Styrene	U		0.000268	0.0146	1	02/20/2025 14:35	WG2455050
1,1,1,2-Tetrachloroethane	U		0.00111	0.00293	1	02/20/2025 14:35	WG2455050
1,1,2,2-Tetrachloroethane	U	J4	0.000814	0.00293	1	02/20/2025 14:35	WG2455050
1,1,2-Trichlorotrifluoroethane	U		0.000883	0.00293	1	02/20/2025 14:35	WG2455050
Tetrachloroethene	U		0.00105	0.00293	1	02/20/2025 14:35	WG2455050
Toluene	U		0.00152	0.00585	1	02/20/2025 14:35	WG2455050
1,2,3-Trichlorobenzene	U		0.00858	0.0146	1	02/20/2025 14:35	WG2455050
1,2,4-Trichlorobenzene	U		0.00515	0.0146	1	02/20/2025 14:35	WG2455050
1,1,1-Trichloroethane	U		0.00108	0.00293	1	02/20/2025 14:35	WG2455050
1,1,2-Trichloroethane	U		0.000699	0.00293	1	02/20/2025 14:35	WG2455050
Trichloroethene	U		0.000684	0.00117	1	02/20/2025 14:35	WG2455050
Trichlorofluoromethane	U		0.000968	0.00293	1	02/20/2025 14:35	WG2455050
1,2,3-Trichloropropane	U		0.00190	0.0146	1	02/20/2025 14:35	WG2455050
1,2,4-Trimethylbenzene	U		0.00185	0.00585	1	02/20/2025 14:35	WG2455050
1,2,3-Trimethylbenzene	U		0.00185	0.00585	1	02/20/2025 14:35	WG2455050
Vinyl chloride	U	J4	0.00136	0.00293	1	02/20/2025 14:35	WG2455050
1,3,5-Trimethylbenzene	U		0.00234	0.00585	1	02/20/2025 14:35	WG2455050
Xylenes, Total	0.00204	J	0.00103	0.00761	1	02/20/2025 14:35	WG2455050
(S) Toluene-d8	*104*			*75.0-131*		*02/20/2025 14:35*	WG2455050
(S) 4-Bromofluorobenzene	*87.7*			*67.0-138*		*02/20/2025 14:35*	WG2455050
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/20/2025 14:35*	WG2455050

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.74	4.34	1	02/22/2025 00:11	WG2454863
C22-C32 Hydrocarbons	U		2.74	4.34	1	02/22/2025 00:11	WG2454863
C32-C40 Hydrocarbons	U		2.74	4.34	1	02/22/2025 00:11	WG2454863
(S) o-Terphenyl	*67.6*			*18.0-148*		*02/22/2025 00:11*	WG2454863

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00584	0.0361	1	02/25/2025 21:28	WG2457390
Acenaphthylene	U		0.00508	0.0361	1	02/25/2025 21:28	WG2457390
Anthracene	U		0.00643	0.0361	1	02/25/2025 21:28	WG2457390
Benzidine	U		0.0679	1.81	1	02/25/2025 21:28	WG2457390
Benzo(a)anthracene	U		0.00636	0.0361	1	02/25/2025 21:28	WG2457390
Benzo(b)fluoranthene	U		0.00673	0.0361	1	02/25/2025 21:28	WG2457390
Benzo(k)fluoranthene	U		0.00642	0.0361	1	02/25/2025 21:28	WG2457390
Benzo(g,h,i)perylene	U		0.00660	0.0361	1	02/25/2025 21:28	WG2457390
Benzo(a)pyrene	U		0.00671	0.0361	1	02/25/2025 21:28	WG2457390
Bis(2-chlorethoxy)methane	U		0.0108	0.361	1	02/25/2025 21:28	WG2457390
Bis(2-chloroethyl)ether	U		0.0119	0.361	1	02/25/2025 21:28	WG2457390
2,2-Oxybis(1-Chloropropane)	U		0.0156	0.361	1	02/25/2025 21:28	WG2457390
4-Bromophenyl-phenylether	U		0.0127	0.361	1	02/25/2025 21:28	WG2457390
2-Chloronaphthalene	U		0.00634	0.0361	1	02/25/2025 21:28	WG2457390
4-Chlorophenyl-phenylether	U		0.0126	0.361	1	02/25/2025 21:28	WG2457390
Chrysene	U		0.00718	0.0361	1	02/25/2025 21:28	WG2457390
Dibenz(a,h)anthracene	U		0.0100	0.0361	1	02/25/2025 21:28	WG2457390
3,3-Dichlorobenzidine	U		0.0133	0.361	1	02/25/2025 21:28	WG2457390
2,4-Dinitrotoluene	U		0.0104	0.361	1	02/25/2025 21:28	WG2457390
2,6-Dinitrotoluene	U		0.0118	0.361	1	02/25/2025 21:28	WG2457390
Fluoranthene	U		0.00651	0.0361	1	02/25/2025 21:28	WG2457390
Fluorene	U		0.00587	0.0361	1	02/25/2025 21:28	WG2457390
Hexachlorobenzene	U		0.0128	0.361	1	02/25/2025 21:28	WG2457390
Hexachloro-1,3-butadiene	U		0.0121	0.361	1	02/25/2025 21:28	WG2457390
Hexachlorocyclopentadiene	U	C3	0.0190	0.361	1	02/25/2025 21:28	WG2457390
Hexachloroethane	U		0.0142	0.361	1	02/25/2025 21:28	WG2457390
Indeno(1,2,3-cd)pyrene	U		0.0102	0.0361	1	02/25/2025 21:28	WG2457390
Isophorone	U		0.0111	0.361	1	02/25/2025 21:28	WG2457390
Naphthalene	U		0.00906	0.0361	1	02/25/2025 21:28	WG2457390
Nitrobenzene	U		0.0126	0.361	1	02/25/2025 21:28	WG2457390
n-Nitrosodimethylamine	U		0.0535	0.361	1	02/25/2025 21:28	WG2457390
n-Nitrosodiphenylamine	U		0.0273	0.361	1	02/25/2025 21:28	WG2457390
n-Nitrosodi-n-propylamine	U		0.0120	0.361	1	02/25/2025 21:28	WG2457390
Phenanthrene	U		0.00716	0.0361	1	02/25/2025 21:28	WG2457390
Benzylbutyl phthalate	U		0.0113	0.361	1	02/25/2025 21:28	WG2457390
Bis(2-ethylhexyl)phthalate	U		0.0457	0.361	1	02/25/2025 21:28	WG2457390
Di-n-butyl phthalate	U		0.0124	0.361	1	02/25/2025 21:28	WG2457390
Diethyl phthalate	U		0.0119	0.361	1	02/25/2025 21:28	WG2457390
Dimethyl phthalate	U		0.0765	0.361	1	02/25/2025 21:28	WG2457390
Di-n-octyl phthalate	U		0.0244	0.361	1	02/25/2025 21:28	WG2457390
Pyrene	U		0.00702	0.0361	1	02/25/2025 21:28	WG2457390
1,2,4-Trichlorobenzene	U		0.0113	0.361	1	02/25/2025 21:28	WG2457390
4-Chloro-3-methylphenol	U		0.0117	0.361	1	02/25/2025 21:28	WG2457390
2-Chlorophenol	U		0.0119	0.361	1	02/25/2025 21:28	WG2457390
2,4-Dichlorophenol	U		0.0105	0.361	1	02/25/2025 21:28	WG2457390
2,4-Dimethylphenol	U	C3	0.00943	0.361	1	02/25/2025 21:28	WG2457390
4,6-Dinitro-2-methylphenol	U		0.0818	0.361	1	02/25/2025 21:28	WG2457390
2,4-Dinitrophenol	U		0.0844	0.361	1	02/25/2025 21:28	WG2457390

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0108	0.361	1	02/25/2025 21:28	WG2457390
3&4-Methyl Phenol	U		0.0113	0.361	1	02/25/2025 21:28	WG2457390
2-Nitrophenol	U		0.0129	0.361	1	02/25/2025 21:28	WG2457390
4-Nitrophenol	U		0.0113	0.361	1	02/25/2025 21:28	WG2457390
Pentachlorophenol	U		0.00971	0.361	1	02/25/2025 21:28	WG2457390
Pyridine	U		0.0238	0.361	1	02/25/2025 21:28	WG2457390
2,4,5-Trichlorophenol	U		0.0122	0.361	1	02/25/2025 21:28	WG2457390
2,4,6-Trichlorophenol	U		0.0116	0.361	1	02/25/2025 21:28	WG2457390
Phenol	U		0.0145	0.361	1	02/25/2025 21:28	WG2457390
(S) 2-Fluorophenol	*55.3*			*12.0-120*		*02/25/2025 21:28*	WG2457390
(S) Phenol-d5	*49.7*			*10.0-120*		*02/25/2025 21:28*	WG2457390
(S) Nitrobenzene-d5	*46.3*			*10.0-122*		*02/25/2025 21:28*	WG2457390
(S) 2-Fluorobiphenyl	*52.4*			*15.0-120*		*02/25/2025 21:28*	WG2457390
(S) 2,4,6-Tribromophenol	*50.2*			*10.0-127*		*02/25/2025 21:28*	WG2457390
(S) p-Terphenyl-d14	*57.0*			*10.0-120*		*02/25/2025 21:28*	WG2457390

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.7		1	02/20/2025 09:22	WG2454577

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0232	0.0451	1	02/23/2025 17:09	WG2455054

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.779	2.25	1	02/21/2025 10:30	WG2454975
Arsenic	4.18		0.943	2.25	1	02/21/2025 10:30	WG2454975
Barium	111		0.0958	0.563	1	02/21/2025 10:30	WG2454975
Beryllium	0.350		0.0538	0.225	1	02/21/2025 10:30	WG2454975
Cadmium	U		0.0736	0.563	1	02/21/2025 10:30	WG2454975
Chromium	12.2		0.241	1.13	1	02/21/2025 10:30	WG2454975
Cobalt	7.58		0.199	1.13	1	02/21/2025 10:30	WG2454975
Copper	10.6		0.402	2.25	1	02/21/2025 10:30	WG2454975
Lead	4.65		0.367	0.563	1	02/21/2025 10:30	WG2454975
Molybdenum	0.390	J	0.0192	0.563	1	02/21/2025 10:30	WG2454975
Nickel	8.47		0.225	2.25	1	02/21/2025 10:30	WG2454975
Selenium	U		1.21	2.25	1	02/21/2025 10:30	WG2454975
Silver	0.189	J	0.143	1.13	1	02/21/2025 10:30	WG2454975
Thallium	U		0.584	2.25	1	02/21/2025 10:30	WG2454975
Vanadium	37.5		0.432	2.25	1	02/21/2025 10:30	WG2454975
Zinc	36.8		1.10	5.63	1	02/21/2025 10:30	WG2454975

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.06	3.19	25	02/21/2025 01:09	WG2455289
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*77.0-120*		*02/21/2025 01:09*	WG2455289

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0466	0.0639	1	02/20/2025 14:54	WG2455050
Acrylonitrile	U		0.00461	0.0160	1	02/20/2025 14:54	WG2455050
Benzene	U		0.000597	0.00128	1	02/20/2025 14:54	WG2455050
Bromobenzene	U		0.00115	0.0160	1	02/20/2025 14:54	WG2455050
Bromodichloromethane	U		0.000926	0.00319	1	02/20/2025 14:54	WG2455050
Bromoform	U		0.00150	0.0319	1	02/20/2025 14:54	WG2455050
Bromomethane	U	C3	0.00252	0.0160	1	02/20/2025 14:54	WG2455050
n-Butylbenzene	U		0.00671	0.0160	1	02/20/2025 14:54	WG2455050
sec-Butylbenzene	U		0.00368	0.0160	1	02/20/2025 14:54	WG2455050
tert-Butylbenzene	U		0.00249	0.00639	1	02/20/2025 14:54	WG2455050
Carbon tetrachloride	U		0.00115	0.00639	1	02/20/2025 14:54	WG2455050
Chlorobenzene	U		0.000268	0.00319	1	02/20/2025 14:54	WG2455050
Chlorodibromomethane	U		0.000782	0.00319	1	02/20/2025 14:54	WG2455050
Chloroethane	U		0.00217	0.00639	1	02/20/2025 14:54	WG2455050
Chloroform	U		0.00132	0.00319	1	02/20/2025 14:54	WG2455050
Chloromethane	U		0.00556	0.0160	1	02/20/2025 14:54	WG2455050
2-Chlorotoluene	U		0.00111	0.00319	1	02/20/2025 14:54	WG2455050

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000575	0.00639	1	02/20/2025 14:54	WG2455050
1,2-Dibromo-3-Chloropropane	U		0.00498	0.0319	1	02/20/2025 14:54	WG2455050
1,2-Dibromoethane	U		0.000828	0.00319	1	02/20/2025 14:54	WG2455050
Dibromomethane	U		0.000958	0.00639	1	02/20/2025 14:54	WG2455050
1,2-Dichlorobenzene	U		0.000543	0.00639	1	02/20/2025 14:54	WG2455050
1,3-Dichlorobenzene	U		0.000767	0.00639	1	02/20/2025 14:54	WG2455050
1,4-Dichlorobenzene	U		0.000894	0.00639	1	02/20/2025 14:54	WG2455050
Dichlorodifluoromethane	U		0.00206	0.00639	1	02/20/2025 14:54	WG2455050
1,1-Dichloroethane	U		0.000627	0.00319	1	02/20/2025 14:54	WG2455050
1,2-Dichloroethane	U		0.000829	0.00319	1	02/20/2025 14:54	WG2455050
1,1-Dichloroethene	U		0.000774	0.00319	1	02/20/2025 14:54	WG2455050
cis-1,2-Dichloroethene	U		0.000938	0.00319	1	02/20/2025 14:54	WG2455050
trans-1,2-Dichloroethene	U		0.00133	0.00639	1	02/20/2025 14:54	WG2455050
1,2-Dichloropropane	U		0.00181	0.00639	1	02/20/2025 14:54	WG2455050
1,1-Dichloropropene	U		0.00103	0.00319	1	02/20/2025 14:54	WG2455050
1,3-Dichloropropane	U		0.000640	0.00639	1	02/20/2025 14:54	WG2455050
cis-1,3-Dichloropropene	U		0.000967	0.00319	1	02/20/2025 14:54	WG2455050
trans-1,3-Dichloropropene	U		0.00146	0.00639	1	02/20/2025 14:54	WG2455050
2,2-Dichloropropane	U		0.00176	0.00319	1	02/20/2025 14:54	WG2455050
Di-isopropyl ether	U		0.000524	0.00128	1	02/20/2025 14:54	WG2455050
Ethylbenzene	U		0.000942	0.00319	1	02/20/2025 14:54	WG2455050
Hexachloro-1,3-butadiene	U		0.00767	0.0319	1	02/20/2025 14:54	WG2455050
Isopropylbenzene	U		0.000543	0.00319	1	02/20/2025 14:54	WG2455050
p-Isopropyltoluene	U		0.00326	0.00639	1	02/20/2025 14:54	WG2455050
2-Butanone (MEK)	U		0.0811	0.128	1	02/20/2025 14:54	WG2455050
Methylene Chloride	U		0.00848	0.0319	1	02/20/2025 14:54	WG2455050
4-Methyl-2-pentanone (MIBK)	U		0.00291	0.0319	1	02/20/2025 14:54	WG2455050
Methyl tert-butyl ether	U		0.000447	0.00128	1	02/20/2025 14:54	WG2455050
Naphthalene	U		0.00624	0.0160	1	02/20/2025 14:54	WG2455050
n-Propylbenzene	U		0.00121	0.00639	1	02/20/2025 14:54	WG2455050
Styrene	U		0.000293	0.0160	1	02/20/2025 14:54	WG2455050
1,1,1,2-Tetrachloroethane	U		0.00121	0.00319	1	02/20/2025 14:54	WG2455050
1,1,2,2-Tetrachloroethane	U	J4	0.000888	0.00319	1	02/20/2025 14:54	WG2455050
1,1,2-Trichlorotrifluoroethane	U		0.000963	0.00319	1	02/20/2025 14:54	WG2455050
Tetrachloroethene	U		0.00114	0.00319	1	02/20/2025 14:54	WG2455050
Toluene	U		0.00166	0.00639	1	02/20/2025 14:54	WG2455050
1,2,3-Trichlorobenzene	U		0.00937	0.0160	1	02/20/2025 14:54	WG2455050
1,2,4-Trichlorobenzene	U		0.00562	0.0160	1	02/20/2025 14:54	WG2455050
1,1,1-Trichloroethane	U		0.00118	0.00319	1	02/20/2025 14:54	WG2455050
1,1,2-Trichloroethane	U		0.000763	0.00319	1	02/20/2025 14:54	WG2455050
Trichloroethene	U		0.000746	0.00128	1	02/20/2025 14:54	WG2455050
Trichlorofluoromethane	U		0.00106	0.00319	1	02/20/2025 14:54	WG2455050
1,2,3-Trichloropropane	U		0.00207	0.0160	1	02/20/2025 14:54	WG2455050
1,2,4-Trimethylbenzene	U		0.00202	0.00639	1	02/20/2025 14:54	WG2455050
1,2,3-Trimethylbenzene	U		0.00202	0.00639	1	02/20/2025 14:54	WG2455050
Vinyl chloride	U	J4	0.00148	0.00319	1	02/20/2025 14:54	WG2455050
1,3,5-Trimethylbenzene	U		0.00256	0.00639	1	02/20/2025 14:54	WG2455050
Xylenes, Total	U		0.00112	0.00831	1	02/20/2025 14:54	WG2455050
(S) Toluene-d8	*106*			*75.0-131*		*02/20/2025 14:54*	WG2455050
(S) 4-Bromofluorobenzene	*91.9*			*67.0-138*		*02/20/2025 14:54*	WG2455050
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/20/2025 14:54*	WG2455050

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.85	4.51	1	02/22/2025 00:25	WG2454863
C22-C32 Hydrocarbons	U		2.85	4.51	1	02/22/2025 00:25	WG2454863
C32-C40 Hydrocarbons	U		2.85	4.51	1	02/22/2025 00:25	WG2454863
(S) o-Terphenyl	*69.9*			*18.0-148*		*02/22/2025 00:25*	WG2454863

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00607	0.0375	1	02/25/2025 21:48	WG2457390
Acenaphthylene	U		0.00529	0.0375	1	02/25/2025 21:48	WG2457390
Anthracene	U		0.00668	0.0375	1	02/25/2025 21:48	WG2457390
Benzidine	U		0.0705	1.88	1	02/25/2025 21:48	WG2457390
Benzo(a)anthracene	U		0.00662	0.0375	1	02/25/2025 21:48	WG2457390
Benzo(b)fluoranthene	U		0.00700	0.0375	1	02/25/2025 21:48	WG2457390
Benzo(k)fluoranthene	U		0.00667	0.0375	1	02/25/2025 21:48	WG2457390
Benzo(g,h,i)perylene	U		0.00686	0.0375	1	02/25/2025 21:48	WG2457390
Benzo(a)pyrene	U		0.00698	0.0375	1	02/25/2025 21:48	WG2457390
Bis(2-chlorethoxy)methane	U		0.0113	0.375	1	02/25/2025 21:48	WG2457390
Bis(2-chloroethyl)ether	U		0.0124	0.375	1	02/25/2025 21:48	WG2457390
2,2-Oxybis(1-Chloropropane)	U		0.0162	0.375	1	02/25/2025 21:48	WG2457390
4-Bromophenyl-phenylether	U		0.0132	0.375	1	02/25/2025 21:48	WG2457390
2-Chloronaphthalene	U		0.00659	0.0375	1	02/25/2025 21:48	WG2457390
4-Chlorophenyl-phenylether	U		0.0131	0.375	1	02/25/2025 21:48	WG2457390
Chrysene	U		0.00746	0.0375	1	02/25/2025 21:48	WG2457390
Dibenz(a,h)anthracene	U		0.0104	0.0375	1	02/25/2025 21:48	WG2457390
3,3-Dichlorobenzidine	U		0.0139	0.375	1	02/25/2025 21:48	WG2457390
2,4-Dinitrotoluene	U		0.0108	0.375	1	02/25/2025 21:48	WG2457390
2,6-Dinitrotoluene	U		0.0123	0.375	1	02/25/2025 21:48	WG2457390
Fluoranthene	U		0.00677	0.0375	1	02/25/2025 21:48	WG2457390
Fluorene	U		0.00611	0.0375	1	02/25/2025 21:48	WG2457390
Hexachlorobenzene	U		0.0133	0.375	1	02/25/2025 21:48	WG2457390
Hexachloro-1,3-butadiene	U		0.0126	0.375	1	02/25/2025 21:48	WG2457390
Hexachlorocyclopentadiene	U	C3	0.0197	0.375	1	02/25/2025 21:48	WG2457390
Hexachloroethane	U		0.0148	0.375	1	02/25/2025 21:48	WG2457390
Indeno(1,2,3-cd)pyrene	U		0.0106	0.0375	1	02/25/2025 21:48	WG2457390
Isophorone	U		0.0115	0.375	1	02/25/2025 21:48	WG2457390
Naphthalene	U		0.00942	0.0375	1	02/25/2025 21:48	WG2457390
Nitrobenzene	U		0.0131	0.375	1	02/25/2025 21:48	WG2457390
n-Nitrosodimethylamine	U		0.0557	0.375	1	02/25/2025 21:48	WG2457390
n-Nitrosodiphenylamine	U		0.0284	0.375	1	02/25/2025 21:48	WG2457390
n-Nitrosodi-n-propylamine	U		0.0125	0.375	1	02/25/2025 21:48	WG2457390
Phenanthrene	U		0.00745	0.0375	1	02/25/2025 21:48	WG2457390
Benzylbutyl phthalate	U		0.0117	0.375	1	02/25/2025 21:48	WG2457390
Bis(2-ethylhexyl)phthalate	U		0.0476	0.375	1	02/25/2025 21:48	WG2457390
Di-n-butyl phthalate	U		0.0128	0.375	1	02/25/2025 21:48	WG2457390
Diethyl phthalate	U		0.0124	0.375	1	02/25/2025 21:48	WG2457390
Dimethyl phthalate	U		0.0796	0.375	1	02/25/2025 21:48	WG2457390
Di-n-octyl phthalate	U		0.0254	0.375	1	02/25/2025 21:48	WG2457390
Pyrene	U		0.00730	0.0375	1	02/25/2025 21:48	WG2457390
1,2,4-Trichlorobenzene	U		0.0117	0.375	1	02/25/2025 21:48	WG2457390
4-Chloro-3-methylphenol	U		0.0122	0.375	1	02/25/2025 21:48	WG2457390
2-Chlorophenol	U		0.0124	0.375	1	02/25/2025 21:48	WG2457390
2,4-Dichlorophenol	U		0.0109	0.375	1	02/25/2025 21:48	WG2457390
2,4-Dimethylphenol	U	C3	0.00980	0.375	1	02/25/2025 21:48	WG2457390
4,6-Dinitro-2-methylphenol	U		0.0851	0.375	1	02/25/2025 21:48	WG2457390
2,4-Dinitrophenol	U		0.0878	0.375	1	02/25/2025 21:48	WG2457390

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0113	0.375	1	02/25/2025 21:48	WG2457390
3&4-Methyl Phenol	U		0.0117	0.375	1	02/25/2025 21:48	WG2457390
2-Nitrophenol	U		0.0134	0.375	1	02/25/2025 21:48	WG2457390
4-Nitrophenol	U		0.0117	0.375	1	02/25/2025 21:48	WG2457390
Pentachlorophenol	U		0.0101	0.375	1	02/25/2025 21:48	WG2457390
Pyridine	U		0.0248	0.375	1	02/25/2025 21:48	WG2457390
2,4,5-Trichlorophenol	U		0.0127	0.375	1	02/25/2025 21:48	WG2457390
2,4,6-Trichlorophenol	U		0.0121	0.375	1	02/25/2025 21:48	WG2457390
Phenol	U		0.0151	0.375	1	02/25/2025 21:48	WG2457390
(S) 2-Fluorophenol	*58.2*			*12.0-120*		*02/25/2025 21:48*	WG2457390
(S) Phenol-d5	*52.9*			*10.0-120*		*02/25/2025 21:48*	WG2457390
(S) Nitrobenzene-d5	*47.4*			*10.0-122*		*02/25/2025 21:48*	WG2457390
(S) 2-Fluorobiphenyl	*54.1*			*15.0-120*		*02/25/2025 21:48*	WG2457390
(S) 2,4,6-Tribromophenol	*52.6*			*10.0-127*		*02/25/2025 21:48*	WG2457390
(S) p-Terphenyl-d14	*60.8*			*10.0-120*		*02/25/2025 21:48*	WG2457390

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.9		1	02/20/2025 09:22	WG2454577

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0229	0.0445	1	02/23/2025 17:12	WG2455054

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.768	2.22	1	02/21/2025 10:32	WG2454975
Arsenic	7.25		0.931	2.22	1	02/21/2025 10:32	WG2454975
Barium	70.0		0.0945	0.556	1	02/21/2025 10:32	WG2454975
Beryllium	0.250		0.0530	0.222	1	02/21/2025 10:32	WG2454975
Cadmium	U		0.0726	0.556	1	02/21/2025 10:32	WG2454975
Chromium	9.92		0.238	1.11	1	02/21/2025 10:32	WG2454975
Cobalt	6.55		0.197	1.11	1	02/21/2025 10:32	WG2454975
Copper	9.68		0.397	2.22	1	02/21/2025 10:32	WG2454975
Lead	2.97		0.363	0.556	1	02/21/2025 10:32	WG2454975
Molybdenum	0.586		0.0189	0.556	1	02/21/2025 10:32	WG2454975
Nickel	6.73		0.222	2.22	1	02/21/2025 10:32	WG2454975
Selenium	U		1.19	2.22	1	02/21/2025 10:32	WG2454975
Silver	U		0.141	1.11	1	02/21/2025 10:32	WG2454975
Thallium	U		0.576	2.22	1	02/21/2025 10:32	WG2454975
Vanadium	44.7		0.426	2.22	1	02/21/2025 10:32	WG2454975
Zinc	32.3		1.08	5.56	1	02/21/2025 10:32	WG2454975

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.02	3.06	25	02/21/2025 01:32	WG2455289
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*77.0-120*		*02/21/2025 01:32*	WG2455289

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0447	0.0613	1	02/20/2025 15:13	WG2455050
Acrylonitrile	U		0.00442	0.0153	1	02/20/2025 15:13	WG2455050
Benzene	U		0.000572	0.00123	1	02/20/2025 15:13	WG2455050
Bromobenzene	U		0.00110	0.0153	1	02/20/2025 15:13	WG2455050
Bromodichloromethane	U		0.000888	0.00306	1	02/20/2025 15:13	WG2455050
Bromoform	U		0.00143	0.0306	1	02/20/2025 15:13	WG2455050
Bromomethane	U	C3	0.00241	0.0153	1	02/20/2025 15:13	WG2455050
n-Butylbenzene	U		0.00643	0.0153	1	02/20/2025 15:13	WG2455050
sec-Butylbenzene	U		0.00353	0.0153	1	02/20/2025 15:13	WG2455050
tert-Butylbenzene	U		0.00239	0.00613	1	02/20/2025 15:13	WG2455050
Carbon tetrachloride	U		0.00110	0.00613	1	02/20/2025 15:13	WG2455050
Chlorobenzene	U		0.000257	0.00306	1	02/20/2025 15:13	WG2455050
Chlorodibromomethane	U		0.000750	0.00306	1	02/20/2025 15:13	WG2455050
Chloroethane	U		0.00208	0.00613	1	02/20/2025 15:13	WG2455050
Chloroform	U		0.00126	0.00306	1	02/20/2025 15:13	WG2455050
Chloromethane	U		0.00533	0.0153	1	02/20/2025 15:13	WG2455050
2-Chlorotoluene	U		0.00106	0.00306	1	02/20/2025 15:13	WG2455050

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000551	0.00613	1	02/20/2025 15:13	WG2455050
1,2-Dibromo-3-Chloropropane	U		0.00478	0.0306	1	02/20/2025 15:13	WG2455050
1,2-Dibromoethane	U		0.000794	0.00306	1	02/20/2025 15:13	WG2455050
Dibromomethane	U		0.000919	0.00613	1	02/20/2025 15:13	WG2455050
1,2-Dichlorobenzene	U		0.000521	0.00613	1	02/20/2025 15:13	WG2455050
1,3-Dichlorobenzene	U		0.000735	0.00613	1	02/20/2025 15:13	WG2455050
1,4-Dichlorobenzene	U		0.000858	0.00613	1	02/20/2025 15:13	WG2455050
Dichlorodifluoromethane	U		0.00197	0.00613	1	02/20/2025 15:13	WG2455050
1,1-Dichloroethane	U		0.000601	0.00306	1	02/20/2025 15:13	WG2455050
1,2-Dichloroethane	U		0.000795	0.00306	1	02/20/2025 15:13	WG2455050
1,1-Dichloroethene	U		0.000742	0.00306	1	02/20/2025 15:13	WG2455050
cis-1,2-Dichloroethene	U		0.000899	0.00306	1	02/20/2025 15:13	WG2455050
trans-1,2-Dichloroethene	U		0.00127	0.00613	1	02/20/2025 15:13	WG2455050
1,2-Dichloropropane	U		0.00174	0.00613	1	02/20/2025 15:13	WG2455050
1,1-Dichloropropene	U		0.000991	0.00306	1	02/20/2025 15:13	WG2455050
1,3-Dichloropropane	U		0.000614	0.00613	1	02/20/2025 15:13	WG2455050
cis-1,3-Dichloropropene	U		0.000927	0.00306	1	02/20/2025 15:13	WG2455050
trans-1,3-Dichloropropene	U		0.00140	0.00613	1	02/20/2025 15:13	WG2455050
2,2-Dichloropropane	U		0.00169	0.00306	1	02/20/2025 15:13	WG2455050
Di-isopropyl ether	U		0.000502	0.00123	1	02/20/2025 15:13	WG2455050
Ethylbenzene	U		0.000903	0.00306	1	02/20/2025 15:13	WG2455050
Hexachloro-1,3-butadiene	U		0.00735	0.0306	1	02/20/2025 15:13	WG2455050
Isopropylbenzene	U		0.000521	0.00306	1	02/20/2025 15:13	WG2455050
p-Isopropyltoluene	U		0.00312	0.00613	1	02/20/2025 15:13	WG2455050
2-Butanone (MEK)	U		0.0778	0.123	1	02/20/2025 15:13	WG2455050
Methylene Chloride	U		0.00813	0.0306	1	02/20/2025 15:13	WG2455050
4-Methyl-2-pentanone (MIBK)	U		0.00279	0.0306	1	02/20/2025 15:13	WG2455050
Methyl tert-butyl ether	U		0.000429	0.00123	1	02/20/2025 15:13	WG2455050
Naphthalene	U		0.00598	0.0153	1	02/20/2025 15:13	WG2455050
n-Propylbenzene	U		0.00116	0.00613	1	02/20/2025 15:13	WG2455050
Styrene	U		0.000281	0.0153	1	02/20/2025 15:13	WG2455050
1,1,1,2-Tetrachloroethane	U		0.00116	0.00306	1	02/20/2025 15:13	WG2455050
1,1,2,2-Tetrachloroethane	U	J4	0.000851	0.00306	1	02/20/2025 15:13	WG2455050
1,1,2-Trichlorotrifluoroethane	U		0.000924	0.00306	1	02/20/2025 15:13	WG2455050
Tetrachloroethene	U		0.00110	0.00306	1	02/20/2025 15:13	WG2455050
Toluene	U		0.00159	0.00613	1	02/20/2025 15:13	WG2455050
1,2,3-Trichlorobenzene	U		0.00898	0.0153	1	02/20/2025 15:13	WG2455050
1,2,4-Trichlorobenzene	U		0.00539	0.0153	1	02/20/2025 15:13	WG2455050
1,1,1-Trichloroethane	U		0.00113	0.00306	1	02/20/2025 15:13	WG2455050
1,1,2-Trichloroethane	U		0.000731	0.00306	1	02/20/2025 15:13	WG2455050
Trichloroethene	U		0.000715	0.00123	1	02/20/2025 15:13	WG2455050
Trichlorofluoromethane	U		0.00101	0.00306	1	02/20/2025 15:13	WG2455050
1,2,3-Trichloropropane	U		0.00198	0.0153	1	02/20/2025 15:13	WG2455050
1,2,4-Trimethylbenzene	U		0.00194	0.00613	1	02/20/2025 15:13	WG2455050
1,2,3-Trimethylbenzene	U		0.00194	0.00613	1	02/20/2025 15:13	WG2455050
Vinyl chloride	U	J4	0.00142	0.00306	1	02/20/2025 15:13	WG2455050
1,3,5-Trimethylbenzene	U		0.00245	0.00613	1	02/20/2025 15:13	WG2455050
Xylenes, Total	U		0.00108	0.00796	1	02/20/2025 15:13	WG2455050
(S) Toluene-d8	*104*			*75.0-131*		*02/20/2025 15:13*	WG2455050
(S) 4-Bromofluorobenzene	*88.1*			*67.0-138*		*02/20/2025 15:13*	WG2455050
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/20/2025 15:13*	WG2455050

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.81	4.45	1	02/21/2025 23:57	WG2454863
C22-C32 Hydrocarbons	U		2.81	4.45	1	02/21/2025 23:57	WG2454863
C32-C40 Hydrocarbons	U		2.81	4.45	1	02/21/2025 23:57	WG2454863
(S) o-Terphenyl	*75.8*			*18.0-148*		*02/21/2025 23:57*	WG2454863

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00599	0.0370	1	02/25/2025 22:09	WG2457390
Acenaphthylene	U		0.00522	0.0370	1	02/25/2025 22:09	WG2457390
Anthracene	U		0.00659	0.0370	1	02/25/2025 22:09	WG2457390
Benzidine	U		0.0696	1.86	1	02/25/2025 22:09	WG2457390
Benzo(a)anthracene	U		0.00653	0.0370	1	02/25/2025 22:09	WG2457390
Benzo(b)fluoranthene	U		0.00691	0.0370	1	02/25/2025 22:09	WG2457390
Benzo(k)fluoranthene	U		0.00658	0.0370	1	02/25/2025 22:09	WG2457390
Benzo(g,h,i)perylene	U		0.00677	0.0370	1	02/25/2025 22:09	WG2457390
Benzo(a)pyrene	U		0.00688	0.0370	1	02/25/2025 22:09	WG2457390
Bis(2-chlorethoxy)methane	U		0.0111	0.370	1	02/25/2025 22:09	WG2457390
Bis(2-chloroethyl)ether	U		0.0122	0.370	1	02/25/2025 22:09	WG2457390
2,2-Oxybis(1-Chloropropane)	U		0.0160	0.370	1	02/25/2025 22:09	WG2457390
4-Bromophenyl-phenylether	U		0.0130	0.370	1	02/25/2025 22:09	WG2457390
2-Chloronaphthalene	U		0.00651	0.0370	1	02/25/2025 22:09	WG2457390
4-Chlorophenyl-phenylether	U		0.0129	0.370	1	02/25/2025 22:09	WG2457390
Chrysene	U		0.00736	0.0370	1	02/25/2025 22:09	WG2457390
Dibenz(a,h)anthracene	U		0.0103	0.0370	1	02/25/2025 22:09	WG2457390
3,3-Dichlorobenzidine	U		0.0137	0.370	1	02/25/2025 22:09	WG2457390
2,4-Dinitrotoluene	U		0.0106	0.370	1	02/25/2025 22:09	WG2457390
2,6-Dinitrotoluene	U		0.0121	0.370	1	02/25/2025 22:09	WG2457390
Fluoranthene	U		0.00668	0.0370	1	02/25/2025 22:09	WG2457390
Fluorene	U		0.00603	0.0370	1	02/25/2025 22:09	WG2457390
Hexachlorobenzene	U		0.0131	0.370	1	02/25/2025 22:09	WG2457390
Hexachloro-1,3-butadiene	U		0.0125	0.370	1	02/25/2025 22:09	WG2457390
Hexachlorocyclopentadiene	U	C3	0.0195	0.370	1	02/25/2025 22:09	WG2457390
Hexachloroethane	U		0.0146	0.370	1	02/25/2025 22:09	WG2457390
Indeno(1,2,3-cd)pyrene	U		0.0105	0.0370	1	02/25/2025 22:09	WG2457390
Isophorone	U		0.0113	0.370	1	02/25/2025 22:09	WG2457390
Naphthalene	0.0112	J	0.00930	0.0370	1	02/25/2025 22:09	WG2457390
Nitrobenzene	U		0.0129	0.370	1	02/25/2025 22:09	WG2457390
n-Nitrosodimethylamine	U		0.0549	0.370	1	02/25/2025 22:09	WG2457390
n-Nitrosodiphenylamine	U		0.0280	0.370	1	02/25/2025 22:09	WG2457390
n-Nitrosodi-n-propylamine	U		0.0123	0.370	1	02/25/2025 22:09	WG2457390
Phenanthrene	U		0.00735	0.0370	1	02/25/2025 22:09	WG2457390
Benzylbutyl phthalate	U		0.0116	0.370	1	02/25/2025 22:09	WG2457390
Bis(2-ethylhexyl)phthalate	U		0.0469	0.370	1	02/25/2025 22:09	WG2457390
Di-n-butyl phthalate	U		0.0127	0.370	1	02/25/2025 22:09	WG2457390
Diethyl phthalate	U		0.0122	0.370	1	02/25/2025 22:09	WG2457390
Dimethyl phthalate	U		0.0785	0.370	1	02/25/2025 22:09	WG2457390
Di-n-octyl phthalate	U		0.0250	0.370	1	02/25/2025 22:09	WG2457390
Pyrene	U		0.00721	0.0370	1	02/25/2025 22:09	WG2457390
1,2,4-Trichlorobenzene	U		0.0116	0.370	1	02/25/2025 22:09	WG2457390
4-Chloro-3-methylphenol	U		0.0120	0.370	1	02/25/2025 22:09	WG2457390
2-Chlorophenol	U		0.0122	0.370	1	02/25/2025 22:09	WG2457390
2,4-Dichlorophenol	U		0.0108	0.370	1	02/25/2025 22:09	WG2457390
2,4-Dimethylphenol	U	C3	0.00968	0.370	1	02/25/2025 22:09	WG2457390
4,6-Dinitro-2-methylphenol	U		0.0840	0.370	1	02/25/2025 22:09	WG2457390
2,4-Dinitrophenol	U		0.0866	0.370	1	02/25/2025 22:09	WG2457390

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0111	0.370	1	02/25/2025 22:09	WG2457390
3&4-Methyl Phenol	U		0.0116	0.370	1	02/25/2025 22:09	WG2457390
2-Nitrophenol	U		0.0132	0.370	1	02/25/2025 22:09	WG2457390
4-Nitrophenol	U		0.0116	0.370	1	02/25/2025 22:09	WG2457390
Pentachlorophenol	U		0.00996	0.370	1	02/25/2025 22:09	WG2457390
Pyridine	U		0.0245	0.370	1	02/25/2025 22:09	WG2457390
2,4,5-Trichlorophenol	U		0.0126	0.370	1	02/25/2025 22:09	WG2457390
2,4,6-Trichlorophenol	U		0.0119	0.370	1	02/25/2025 22:09	WG2457390
Phenol	U		0.0149	0.370	1	02/25/2025 22:09	WG2457390
(S) 2-Fluorophenol	*58.1*			*12.0-120*		*02/25/2025 22:09*	WG2457390
(S) Phenol-d5	*54.3*			*10.0-120*		*02/25/2025 22:09*	WG2457390
(S) Nitrobenzene-d5	*49.7*			*10.0-122*		*02/25/2025 22:09*	WG2457390
(S) 2-Fluorobiphenyl	*54.3*			*15.0-120*		*02/25/2025 22:09*	WG2457390
(S) 2,4,6-Tribromophenol	*50.2*			*10.0-127*		*02/25/2025 22:09*	WG2457390
(S) p-Terphenyl-d14	*59.9*			*10.0-120*		*02/25/2025 22:09*	WG2457390

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.9		1	02/20/2025 09:22	WG2454577

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0248	0.0482	1	02/23/2025 17:15	WG2455054

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.833	2.41	1	02/21/2025 10:34	WG2454975
Arsenic	6.03		1.01	2.41	1	02/21/2025 10:34	WG2454975
Barium	94.7		0.102	0.603	1	02/21/2025 10:34	WG2454975
Beryllium	0.640		0.0575	0.241	1	02/21/2025 10:34	WG2454975
Cadmium	0.163	J	0.0787	0.603	1	02/21/2025 10:34	WG2454975
Chromium	20.7		0.258	1.21	1	02/21/2025 10:34	WG2454975
Cobalt	10.2		0.213	1.21	1	02/21/2025 10:34	WG2454975
Copper	18.7		0.430	2.41	1	02/21/2025 10:34	WG2454975
Lead	6.84		0.393	0.603	1	02/21/2025 10:34	WG2454975
Molybdenum	0.467	J	0.0205	0.603	1	02/21/2025 10:34	WG2454975
Nickel	13.6		0.241	2.41	1	02/21/2025 10:34	WG2454975
Selenium	U		1.29	2.41	1	02/21/2025 10:34	WG2454975
Silver	0.203	J	0.153	1.21	1	02/21/2025 10:34	WG2454975
Thallium	U		0.625	2.41	1	02/21/2025 10:34	WG2454975
Vanadium	52.0		0.462	2.41	1	02/21/2025 10:34	WG2454975
Zinc	52.7		1.17	6.03	1	02/21/2025 10:34	WG2454975

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.26	3.81	27.3	02/21/2025 01:54	WG2455289
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*77.0-120*		*02/21/2025 01:54*	WG2455289

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0555	0.0760	1.09	02/20/2025 15:32	WG2455050
Acrylonitrile	U		0.00548	0.0190	1.09	02/20/2025 15:32	WG2455050
Benzene	U		0.000710	0.00152	1.09	02/20/2025 15:32	WG2455050
Bromobenzene	U		0.00137	0.0190	1.09	02/20/2025 15:32	WG2455050
Bromodichloromethane	U		0.00110	0.00381	1.09	02/20/2025 15:32	WG2455050
Bromoform	U		0.00179	0.0381	1.09	02/20/2025 15:32	WG2455050
Bromomethane	U	C3	0.00300	0.0190	1.09	02/20/2025 15:32	WG2455050
n-Butylbenzene	U		0.00798	0.0190	1.09	02/20/2025 15:32	WG2455050
sec-Butylbenzene	U		0.00438	0.0190	1.09	02/20/2025 15:32	WG2455050
tert-Butylbenzene	U		0.00297	0.00760	1.09	02/20/2025 15:32	WG2455050
Carbon tetrachloride	U		0.00137	0.00760	1.09	02/20/2025 15:32	WG2455050
Chlorobenzene	U		0.000319	0.00381	1.09	02/20/2025 15:32	WG2455050
Chlorodibromomethane	U		0.000930	0.00381	1.09	02/20/2025 15:32	WG2455050
Chloroethane	U		0.00258	0.00760	1.09	02/20/2025 15:32	WG2455050
Chloroform	U		0.00156	0.00381	1.09	02/20/2025 15:32	WG2455050
Chloromethane	U		0.00661	0.0190	1.09	02/20/2025 15:32	WG2455050
2-Chlorotoluene	U		0.00132	0.00381	1.09	02/20/2025 15:32	WG2455050

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000685	0.00760	1.09	02/20/2025 15:32	WG2455050
1,2-Dibromo-3-Chloropropane	U		0.00593	0.0381	1.09	02/20/2025 15:32	WG2455050
1,2-Dibromoethane	U		0.000985	0.00381	1.09	02/20/2025 15:32	WG2455050
Dibromomethane	U		0.00114	0.00760	1.09	02/20/2025 15:32	WG2455050
1,2-Dichlorobenzene	U		0.000646	0.00760	1.09	02/20/2025 15:32	WG2455050
1,3-Dichlorobenzene	U		0.000912	0.00760	1.09	02/20/2025 15:32	WG2455050
1,4-Dichlorobenzene	U		0.00106	0.00760	1.09	02/20/2025 15:32	WG2455050
Dichlorodifluoromethane	U		0.00244	0.00760	1.09	02/20/2025 15:32	WG2455050
1,1-Dichloroethane	U		0.000746	0.00381	1.09	02/20/2025 15:32	WG2455050
1,2-Dichloroethane	U		0.000986	0.00381	1.09	02/20/2025 15:32	WG2455050
1,1-Dichloroethene	U		0.000922	0.00381	1.09	02/20/2025 15:32	WG2455050
cis-1,2-Dichloroethene	U		0.00112	0.00381	1.09	02/20/2025 15:32	WG2455050
trans-1,2-Dichloroethene	U		0.00158	0.00760	1.09	02/20/2025 15:32	WG2455050
1,2-Dichloropropane	U		0.00216	0.00760	1.09	02/20/2025 15:32	WG2455050
1,1-Dichloropropene	U		0.00123	0.00381	1.09	02/20/2025 15:32	WG2455050
1,3-Dichloropropane	U		0.000761	0.00760	1.09	02/20/2025 15:32	WG2455050
cis-1,3-Dichloropropene	U		0.00115	0.00381	1.09	02/20/2025 15:32	WG2455050
trans-1,3-Dichloropropene	U		0.00173	0.00760	1.09	02/20/2025 15:32	WG2455050
2,2-Dichloropropane	U		0.00209	0.00381	1.09	02/20/2025 15:32	WG2455050
Di-isopropyl ether	U		0.000623	0.00152	1.09	02/20/2025 15:32	WG2455050
Ethylbenzene	U		0.00112	0.00381	1.09	02/20/2025 15:32	WG2455050
Hexachloro-1,3-butadiene	U		0.00912	0.0381	1.09	02/20/2025 15:32	WG2455050
Isopropylbenzene	U		0.000646	0.00381	1.09	02/20/2025 15:32	WG2455050
p-Isopropyltoluene	U		0.00388	0.00760	1.09	02/20/2025 15:32	WG2455050
2-Butanone (MEK)	U		0.0965	0.152	1.09	02/20/2025 15:32	WG2455050
Methylene Chloride	0.0111	J	0.0101	0.0381	1.09	02/20/2025 15:32	WG2455050
4-Methyl-2-pentanone (MIBK)	U		0.00347	0.0381	1.09	02/20/2025 15:32	WG2455050
Methyl tert-butyl ether	U		0.000531	0.00152	1.09	02/20/2025 15:32	WG2455050
Naphthalene	U		0.00742	0.0190	1.09	02/20/2025 15:32	WG2455050
n-Propylbenzene	U		0.00145	0.00760	1.09	02/20/2025 15:32	WG2455050
Styrene	U		0.000349	0.0190	1.09	02/20/2025 15:32	WG2455050
1,1,1,2-Tetrachloroethane	U		0.00144	0.00381	1.09	02/20/2025 15:32	WG2455050
1,1,2,2-Tetrachloroethane	U	J4	0.00106	0.00381	1.09	02/20/2025 15:32	WG2455050
1,1,2-Trichlorotrifluoroethane	U		0.00115	0.00381	1.09	02/20/2025 15:32	WG2455050
Tetrachloroethene	U		0.00136	0.00381	1.09	02/20/2025 15:32	WG2455050
Toluene	U		0.00198	0.00760	1.09	02/20/2025 15:32	WG2455050
1,2,3-Trichlorobenzene	U		0.0111	0.0190	1.09	02/20/2025 15:32	WG2455050
1,2,4-Trichlorobenzene	U		0.00669	0.0190	1.09	02/20/2025 15:32	WG2455050
1,1,1-Trichloroethane	U		0.00141	0.00381	1.09	02/20/2025 15:32	WG2455050
1,1,2-Trichloroethane	U		0.000908	0.00381	1.09	02/20/2025 15:32	WG2455050
Trichloroethene	U		0.000888	0.00152	1.09	02/20/2025 15:32	WG2455050
Trichlorofluoromethane	U		0.00126	0.00381	1.09	02/20/2025 15:32	WG2455050
1,2,3-Trichloropropane	U		0.00247	0.0190	1.09	02/20/2025 15:32	WG2455050
1,2,4-Trimethylbenzene	U		0.00240	0.00760	1.09	02/20/2025 15:32	WG2455050
1,2,3-Trimethylbenzene	U		0.00240	0.00760	1.09	02/20/2025 15:32	WG2455050
Vinyl chloride	U	J4	0.00176	0.00381	1.09	02/20/2025 15:32	WG2455050
1,3,5-Trimethylbenzene	U		0.00304	0.00760	1.09	02/20/2025 15:32	WG2455050
Xylenes, Total	U		0.00134	0.00987	1.09	02/20/2025 15:32	WG2455050
(S) Toluene-d8	*105*			*75.0-131*		*02/20/2025 15:32*	WG2455050
(S) 4-Bromofluorobenzene	*86.6*			*67.0-138*		*02/20/2025 15:32*	WG2455050
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/20/2025 15:32*	WG2455050

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.05	4.82	1	02/22/2025 00:40	WG2454863
C22-C32 Hydrocarbons	U		3.05	4.82	1	02/22/2025 00:40	WG2454863
C32-C40 Hydrocarbons	U		3.05	4.82	1	02/22/2025 00:40	WG2454863
(S) o-Terphenyl	*66.6*			*18.0-148*		*02/22/2025 00:40*	WG2454863

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00650	0.0402	1	02/25/2025 22:29	WG2457390
Acenaphthylene	U		0.00566	0.0402	1	02/25/2025 22:29	WG2457390
Anthracene	U		0.00715	0.0402	1	02/25/2025 22:29	WG2457390
Benzidine	U		0.0755	2.01	1	02/25/2025 22:29	WG2457390
Benzo(a)anthracene	U		0.00708	0.0402	1	02/25/2025 22:29	WG2457390
Benzo(b)fluoranthene	U		0.00749	0.0402	1	02/25/2025 22:29	WG2457390
Benzo(k)fluoranthene	U		0.00714	0.0402	1	02/25/2025 22:29	WG2457390
Benzo(g,h,i)perylene	U		0.00734	0.0402	1	02/25/2025 22:29	WG2457390
Benzo(a)pyrene	U		0.00746	0.0402	1	02/25/2025 22:29	WG2457390
Bis(2-chlorethoxy)methane	U		0.0121	0.402	1	02/25/2025 22:29	WG2457390
Bis(2-chloroethyl)ether	U		0.0133	0.402	1	02/25/2025 22:29	WG2457390
2,2-Oxybis(1-Chloropropane)	U		0.0174	0.402	1	02/25/2025 22:29	WG2457390
4-Bromophenyl-phenylether	U		0.0141	0.402	1	02/25/2025 22:29	WG2457390
2-Chloronaphthalene	U		0.00705	0.0402	1	02/25/2025 22:29	WG2457390
4-Chlorophenyl-phenylether	U		0.0140	0.402	1	02/25/2025 22:29	WG2457390
Chrysene	U		0.00798	0.0402	1	02/25/2025 22:29	WG2457390
Dibenz(a,h)anthracene	U		0.0111	0.0402	1	02/25/2025 22:29	WG2457390
3,3-Dichlorobenzidine	U		0.0148	0.402	1	02/25/2025 22:29	WG2457390
2,4-Dinitrotoluene	U		0.0115	0.402	1	02/25/2025 22:29	WG2457390
2,6-Dinitrotoluene	U		0.0131	0.402	1	02/25/2025 22:29	WG2457390
Fluoranthene	U		0.00725	0.0402	1	02/25/2025 22:29	WG2457390
Fluorene	U		0.00654	0.0402	1	02/25/2025 22:29	WG2457390
Hexachlorobenzene	U		0.0142	0.402	1	02/25/2025 22:29	WG2457390
Hexachloro-1,3-butadiene	U		0.0135	0.402	1	02/25/2025 22:29	WG2457390
Hexachlorocyclopentadiene	U	C3	0.0211	0.402	1	02/25/2025 22:29	WG2457390
Hexachloroethane	U		0.0158	0.402	1	02/25/2025 22:29	WG2457390
Indeno(1,2,3-cd)pyrene	U		0.0113	0.0402	1	02/25/2025 22:29	WG2457390
Isophorone	U		0.0123	0.402	1	02/25/2025 22:29	WG2457390
Naphthalene	0.0177	J	0.0101	0.0402	1	02/25/2025 22:29	WG2457390
Nitrobenzene	U		0.0140	0.402	1	02/25/2025 22:29	WG2457390
n-Nitrosodimethylamine	U		0.0596	0.402	1	02/25/2025 22:29	WG2457390
n-Nitrosodiphenylamine	U		0.0304	0.402	1	02/25/2025 22:29	WG2457390
n-Nitrosodi-n-propylamine	U		0.0134	0.402	1	02/25/2025 22:29	WG2457390
Phenanthrene	U		0.00797	0.0402	1	02/25/2025 22:29	WG2457390
Benzylbutyl phthalate	U		0.0125	0.402	1	02/25/2025 22:29	WG2457390
Bis(2-ethylhexyl)phthalate	U		0.0509	0.402	1	02/25/2025 22:29	WG2457390
Di-n-butyl phthalate	U		0.0137	0.402	1	02/25/2025 22:29	WG2457390
Diethyl phthalate	U		0.0133	0.402	1	02/25/2025 22:29	WG2457390
Dimethyl phthalate	U		0.0851	0.402	1	02/25/2025 22:29	WG2457390
Di-n-octyl phthalate	U		0.0271	0.402	1	02/25/2025 22:29	WG2457390
Pyrene	U		0.00781	0.0402	1	02/25/2025 22:29	WG2457390
1,2,4-Trichlorobenzene	U		0.0125	0.402	1	02/25/2025 22:29	WG2457390
4-Chloro-3-methylphenol	U		0.0130	0.402	1	02/25/2025 22:29	WG2457390
2-Chlorophenol	U		0.0133	0.402	1	02/25/2025 22:29	WG2457390
2,4-Dichlorophenol	U		0.0117	0.402	1	02/25/2025 22:29	WG2457390
2,4-Dimethylphenol	U	C3	0.0105	0.402	1	02/25/2025 22:29	WG2457390
4,6-Dinitro-2-methylphenol	U		0.0910	0.402	1	02/25/2025 22:29	WG2457390
2,4-Dinitrophenol	U		0.0939	0.402	1	02/25/2025 22:29	WG2457390

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0121	0.402	1	02/25/2025 22:29	WG2457390
3&4-Methyl Phenol	U		0.0125	0.402	1	02/25/2025 22:29	WG2457390
2-Nitrophenol	U		0.0143	0.402	1	02/25/2025 22:29	WG2457390
4-Nitrophenol	U		0.0125	0.402	1	02/25/2025 22:29	WG2457390
Pentachlorophenol	U		0.0108	0.402	1	02/25/2025 22:29	WG2457390
Pyridine	U		0.0265	0.402	1	02/25/2025 22:29	WG2457390
2,4,5-Trichlorophenol	U		0.0136	0.402	1	02/25/2025 22:29	WG2457390
2,4,6-Trichlorophenol	U		0.0129	0.402	1	02/25/2025 22:29	WG2457390
Phenol	U		0.0162	0.402	1	02/25/2025 22:29	WG2457390
(S) 2-Fluorophenol	*54.8*			*12.0-120*		*02/25/2025 22:29*	WG2457390
(S) Phenol-d5	*50.0*			*10.0-120*		*02/25/2025 22:29*	WG2457390
(S) Nitrobenzene-d5	*47.7*			*10.0-122*		*02/25/2025 22:29*	WG2457390
(S) 2-Fluorobiphenyl	*53.2*			*15.0-120*		*02/25/2025 22:29*	WG2457390
(S) 2,4,6-Tribromophenol	*44.4*			*10.0-127*		*02/25/2025 22:29*	WG2457390
(S) p-Terphenyl-d14	*57.1*			*10.0-120*		*02/25/2025 22:29*	WG2457390

Method Blank (MB)

(MB) R4178762-1 02/20/25 09:09

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1827874-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1827874-02 02/20/25 09:09 • (DUP) R4178762-3 02/20/25 09:09

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	87.1	86.6	1	0.623		10

Laboratory Control Sample (LCS)

(LCS) R4178762-2 02/20/25 09:09

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	49.9	99.8	90.0-110	

Method Blank (MB)

(MB) R4178764-1 02/20/25 09:22

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1827881-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1827881-09 02/20/25 09:22 • (DUP) R4178764-3 02/20/25 09:22

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	82.9	81.6	1	1.58		10

Laboratory Control Sample (LCS)

(LCS) R4178764-2 02/20/25 09:22

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4178938-1 02/21/25 13:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0206	0.0400

Laboratory Control Sample (LCS)

(LCS) R4178938-2 02/21/25 13:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.503	101	80.0-120	

L1827782-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827782-07 02/21/25 13:10 • (MS) R4178938-4 02/21/25 13:15 • (MSD) R4178938-5 02/21/25 13:18

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.585	U	0.546	0.584	93.4	99.9	1	75.0-125			6.67	20

Method Blank (MB)

(MB) R4179321-1 02/23/25 16:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0206	0.0400

Laboratory Control Sample (LCS)

(LCS) R4179321-2 02/23/25 16:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.455	91.1	80.0-120	

L1827877-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827877-02 02/23/25 16:43 • (MS) R4179321-4 02/23/25 16:56 • (MSD) R4179321-5 02/23/25 16:59

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.620	0.0288	0.609	0.600	93.5	92.1	1	75.0-125			1.52	20

Method Blank (MB)

(MB) R4178889-1 02/21/25 10:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Antimony	U		0.691	2.00
Arsenic	U		0.837	2.00
Barium	U		0.0850	0.500
Beryllium	U		0.0477	0.200
Cadmium	U		0.0653	0.500
Chromium	U		0.214	1.00
Cobalt	U		0.177	1.00
Copper	U		0.357	2.00
Lead	U		0.326	0.500
Molybdenum	U		0.0170	0.500
Nickel	U		0.200	2.00
Selenium	U		1.07	2.00
Silver	U		0.127	1.00
Thallium	U		0.518	2.00
Vanadium	U		0.383	2.00
Zinc	U		0.974	5.00

Laboratory Control Sample (LCS)

(LCS) R4178889-2 02/21/25 10:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	100	95.7	95.7	80.0-120	
Arsenic	100	98.4	98.4	80.0-120	
Barium	100	102	102	80.0-120	
Beryllium	100	101	101	80.0-120	
Cadmium	100	97.6	97.6	80.0-120	
Chromium	100	102	102	80.0-120	
Cobalt	100	95.0	95.0	80.0-120	
Copper	100	103	103	80.0-120	
Lead	100	97.1	97.1	80.0-120	
Molybdenum	100	101	101	80.0-120	
Nickel	100	94.8	94.8	80.0-120	
Selenium	100	95.5	95.5	80.0-120	
Silver	20.0	20.9	104	80.0-120	
Thallium	100	99.3	99.3	80.0-120	
Vanadium	100	99.5	99.5	80.0-120	
Zinc	100	99.1	99.1	80.0-120	

L1827881-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827881-01 02/21/25 10:12 • (MS) R4178889-5 02/21/25 10:17 • (MSD) R4178889-6 02/21/25 10:19

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	104	U	84.3	88.0	81.1	84.7	1	75.0-125			4.24	20
Arsenic	104	2.37	101	105	94.5	98.5	1	75.0-125			3.97	20
Barium	104	52.0	137	151	82.1	95.2	1	75.0-125			9.44	20
Beryllium	104	0.313	102	107	98.1	102	1	75.0-125			4.14	20
Cadmium	104	0.114	98.0	102	94.2	98.4	1	75.0-125			4.34	20
Chromium	104	9.73	110	115	96.9	101	1	75.0-125			4.23	20
Cobalt	104	5.54	104	109	94.4	99.1	1	75.0-125			4.61	20
Copper	104	8.84	112	115	99.2	103	1	75.0-125			3.09	20
Lead	104	4.52	103	108	94.6	99.8	1	75.0-125			5.18	20
Molybdenum	104	0.227	98.2	103	94.2	98.9	1	75.0-125			4.84	20
Nickel	104	5.50	105	110	95.7	100	1	75.0-125			4.45	20
Selenium	104	U	98.0	102	94.3	98.4	1	75.0-125			4.32	20
Silver	20.8	U	21.2	22.1	102	106	1	75.0-125			3.95	20
Thallium	104	U	99.4	104	95.6	100	1	75.0-125			4.62	20
Vanadium	104	37.7	136	138	94.2	96.6	1	75.0-125			1.83	20
Zinc	104	21.2	122	127	97.2	102	1	75.0-125			3.75	20

Method Blank (MB)

(MB) R4178915-2 02/20/25 23:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		0.830	2.50
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4178915-1 02/20/25 22:10 • (LCSD) R4178915-3 02/20/25 23:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	5.00	5.80	5.24	116	105	72.0-125			10.1	20
(S) a,a,a-Trifluorotoluene(FID)				*108*	*105*	*77.0-120*				

L1828204-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1828204-07 02/21/25 02:39 • (MS) R4178915-4 02/21/25 07:55 • (MSD) R4178915-5 02/21/25 08:17

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	238	U	257	269	108	113	25	10.0-141			4.44	29
(S) a,a,a-Trifluorotoluene(FID)					*103*	*107*		*77.0-120*				

Method Blank (MB)

(MB) R4179115-3 02/22/25 01:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		0.830	2.50
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179115-1 02/21/25 23:18 • (LCSD) R4179115-2 02/21/25 23:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	5.00	5.09	5.28	102	106	72.0-125			3.66	20
(S) a,a,a-Trifluorotoluene(FID)				*106*	*104*	*77.0-120*				

Method Blank (MB)

(MB) R4178944-3 02/20/25 10:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4178944-3 02/20/25 10:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
Vinyl chloride	U		0.00116	0.00250
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*89.2*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4178944-1 02/20/25 09:24 • (LCSD) R4178944-2 02/20/25 09:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.729	0.808	117	129	10.0-160			10.3	31
Acrylonitrile	0.625	0.876	0.908	140	145	45.0-153			3.59	22
Benzene	0.125	0.112	0.115	89.6	92.0	70.0-123			2.64	20
Bromobenzene	0.125	0.122	0.128	97.6	102	73.0-121			4.80	20
Bromodichloromethane	0.125	0.112	0.119	89.6	95.2	73.0-121			6.06	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4178944-1 02/20/25 09:24 • (LCSD) R4178944-2 02/20/25 09:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.0998	0.101	79.8	80.8	64.0-132			1.20	20
Bromomethane	0.125	0.0985	0.106	78.8	84.8	56.0-147			7.33	20
n-Butylbenzene	0.125	0.129	0.131	103	105	68.0-135			1.54	20
sec-Butylbenzene	0.125	0.132	0.133	106	106	74.0-130			0.755	20
tert-Butylbenzene	0.125	0.122	0.122	97.6	97.6	75.0-127			0.000	20
Carbon tetrachloride	0.125	0.116	0.123	92.8	98.4	66.0-128			5.86	20
Chlorobenzene	0.125	0.105	0.108	84.0	86.4	76.0-128			2.82	20
Chlorodibromomethane	0.125	0.108	0.112	86.4	89.6	74.0-127			3.64	20
Chloroethane	0.125	0.138	0.150	110	120	61.0-134			8.33	20
Chloroform	0.125	0.109	0.116	87.2	92.8	72.0-123			6.22	20
Chloromethane	0.125	0.163	0.173	130	138	51.0-138			5.95	20
2-Chlorotoluene	0.125	0.136	0.141	109	113	75.0-124			3.61	20
4-Chlorotoluene	0.125	0.131	0.134	105	107	75.0-124			2.26	20
1,2-Dibromo-3-Chloropropane	0.125	0.130	0.128	104	102	59.0-130			1.55	20
1,2-Dibromoethane	0.125	0.115	0.115	92.0	92.0	74.0-128			0.000	20
Dibromomethane	0.125	0.109	0.115	87.2	92.0	75.0-122			5.36	20
1,2-Dichlorobenzene	0.125	0.115	0.122	92.0	97.6	76.0-124			5.91	20
1,3-Dichlorobenzene	0.125	0.114	0.119	91.2	95.2	76.0-125			4.29	20
1,4-Dichlorobenzene	0.125	0.119	0.126	95.2	101	77.0-121			5.71	20
Dichlorodifluoromethane	0.125	0.142	0.151	114	121	43.0-156			6.14	20
1,1-Dichloroethane	0.125	0.136	0.142	109	114	70.0-127			4.32	20
1,2-Dichloroethane	0.125	0.113	0.115	90.4	92.0	65.0-131			1.75	20
1,1-Dichloroethene	0.125	0.137	0.143	110	114	65.0-131			4.29	20
cis-1,2-Dichloroethene	0.125	0.113	0.119	90.4	95.2	73.0-125			5.17	20
trans-1,2-Dichloroethene	0.125	0.115	0.122	92.0	97.6	71.0-125			5.91	20
1,2-Dichloropropane	0.125	0.132	0.135	106	108	74.0-125			2.25	20
1,1-Dichloropropene	0.125	0.115	0.124	92.0	99.2	73.0-125			7.53	20
1,3-Dichloropropane	0.125	0.124	0.126	99.2	101	80.0-125			1.60	20
cis-1,3-Dichloropropene	0.125	0.120	0.124	96.0	99.2	76.0-127			3.28	20
trans-1,3-Dichloropropene	0.125	0.133	0.131	106	105	73.0-127			1.52	20
2,2-Dichloropropane	0.125	0.138	0.145	110	116	59.0-135			4.95	20
Di-isopropyl ether	0.125	0.157	0.170	126	136	60.0-136			7.95	20
Ethylbenzene	0.125	0.110	0.112	88.0	89.6	74.0-126			1.80	20
Hexachloro-1,3-butadiene	0.125	0.113	0.108	90.4	86.4	57.0-150			4.52	20
Isopropylbenzene	0.125	0.112	0.116	89.6	92.8	72.0-127			3.51	20
p-Isopropyltoluene	0.125	0.129	0.133	103	106	72.0-133			3.05	20
2-Butanone (MEK)	0.625	0.773	0.803	124	128	30.0-160			3.81	24
Methylene Chloride	0.125	0.129	0.133	103	106	68.0-123			3.05	20
4-Methyl-2-pentanone (MIBK)	0.625	0.765	0.794	122	127	56.0-143			3.72	20
Methyl tert-butyl ether	0.125	0.139	0.148	111	118	66.0-132			6.27	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4178944-1 02/20/25 09:24 • (LCSD) R4178944-2 02/20/25 09:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.108	0.110	86.4	88.0	59.0-130			1.83	20
n-Propylbenzene	0.125	0.131	0.135	105	108	74.0-126			3.01	20
Styrene	0.125	0.109	0.112	87.2	89.6	72.0-127			2.71	20
1,1,1,2-Tetrachloroethane	0.125	0.120	0.127	96.0	102	74.0-129			5.67	20
1,1,2,2-Tetrachloroethane	0.125	0.155	0.161	124	129	68.0-128		J4	3.80	20
1,1,2-Trichlorotrifluoroethane	0.125	0.122	0.134	97.6	107	61.0-139			9.38	20
Tetrachloroethene	0.125	0.108	0.109	86.4	87.2	70.0-136			0.922	20
Toluene	0.125	0.114	0.116	91.2	92.8	75.0-121			1.74	20
1,2,3-Trichlorobenzene	0.125	0.113	0.113	90.4	90.4	59.0-139			0.000	20
1,2,4-Trichlorobenzene	0.125	0.105	0.104	84.0	83.2	62.0-137			0.957	20
1,1,1-Trichloroethane	0.125	0.122	0.126	97.6	101	69.0-126			3.23	20
1,1,2-Trichloroethane	0.125	0.117	0.118	93.6	94.4	78.0-123			0.851	20
Trichloroethene	0.125	0.102	0.107	81.6	85.6	76.0-126			4.78	20
Trichlorofluoromethane	0.125	0.137	0.147	110	118	61.0-142			7.04	20
1,2,3-Trichloropropane	0.125	0.146	0.150	117	120	67.0-129			2.70	20
1,2,4-Trimethylbenzene	0.125	0.131	0.137	105	110	70.0-126			4.48	20
1,2,3-Trimethylbenzene	0.125	0.130	0.134	104	107	74.0-124			3.03	20
Vinyl chloride	0.125	0.164	0.171	131	137	63.0-134		J4	4.18	20
1,3,5-Trimethylbenzene	0.125	0.128	0.132	102	106	73.0-127			3.08	20
Xylenes, Total	0.375	0.328	0.334	87.5	89.1	72.0-127			1.81	20
(S) Toluene-d8				*101*	*100*	*75.0-131*				
(S) 4-Bromofluorobenzene				*92.3*	*92.9*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*111*	*110*	*70.0-130*				

Method Blank (MB)

(MB) R4179111-1 02/21/25 15:31

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		2.53	4.00
C22-C32 Hydrocarbons	U		2.53	4.00
C32-C40 Hydrocarbons	U		2.53	4.00
(S) o-Terphenyl	*84.2*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4179111-2 02/21/25 15:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C12-C22 Hydrocarbons	25.0	22.4	89.6	50.0-150	
C22-C32 Hydrocarbons	25.0	18.0	72.0	50.0-150	
(S) o-Terphenyl			*78.4*	*18.0-148*	

L1827061-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827061-03 02/21/25 17:30 • (MS) R4179111-3 02/21/25 17:45 • (MSD) R4179111-4 02/21/25 18:13

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C12-C22 Hydrocarbons	24.3	U	14.3	16.4	58.8	67.8	1	50.0-150			13.7	20
C22-C32 Hydrocarbons	24.3	U	11.0	12.6	45.3	52.1	1	50.0-150	J6		13.6	20
(S) o-Terphenyl					*49.4*	*56.4*		*18.0-148*				

Method Blank (MB)

(MB) R4180181-2 02/25/25 19:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzidine	U		0.0626	1.67
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333

Method Blank (MB)

(MB) R4180181-2 02/25/25 19:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.00648	0.0333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Pyridine	U		0.0220	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
Phenol	U		0.0134	0.333
(S) 2-Fluorophenol	*56.5*			*12.0-120*
(S) Phenol-d5	*51.7*			*10.0-120*
(S) Nitrobenzene-d5	*46.5*			*10.0-122*
(S) 2-Fluorobiphenyl	*51.7*			*15.0-120*
(S) 2,4,6-Tribromophenol	*44.9*			*10.0-127*
(S) p-Terphenyl-d14	*60.1*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4180181-1 02/25/25 19:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.348	52.3	38.0-120	
Acenaphthylene	0.666	0.330	49.5	40.0-120	
Anthracene	0.666	0.360	54.1	42.0-120	
Benzidine	1.33	0.262	19.7	10.0-120	J
Benzo(a)anthracene	0.666	0.365	54.8	44.0-120	
Benzo(b)fluoranthene	0.666	0.368	55.3	43.0-120	
Benzo(k)fluoranthene	0.666	0.373	56.0	44.0-120	
Benzo(g,h,i)perylene	0.666	0.370	55.6	43.0-120	
Benzo(a)pyrene	0.666	0.372	55.9	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.276	41.4	20.0-120	J

Laboratory Control Sample (LCS)

(LCS) R4180181-1 02/25/25 19:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bis(2-chloroethyl)ether	0.666	0.365	54.8	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.320	48.0	23.0-120	J
4-Bromophenyl-phenylether	0.666	0.341	51.2	40.0-120	
2-Chloronaphthalene	0.666	0.331	49.7	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.349	52.4	40.0-120	
Chrysene	0.666	0.359	53.9	43.0-120	
Dibenz(a,h)anthracene	0.666	0.387	58.1	44.0-120	
3,3-Dichlorobenzidine	1.33	0.730	54.9	28.0-120	
2,4-Dinitrotoluene	0.666	0.402	60.4	45.0-120	
2,6-Dinitrotoluene	0.666	0.385	57.8	42.0-120	
Fluoranthene	0.666	0.355	53.3	44.0-120	
Fluorene	0.666	0.353	53.0	41.0-120	
Hexachlorobenzene	0.666	0.318	47.7	39.0-120	J
Hexachloro-1,3-butadiene	0.666	0.264	39.6	15.0-120	J
Hexachlorocyclopentadiene	0.666	0.145	21.8	15.0-120	J
Hexachloroethane	0.666	0.317	47.6	17.0-120	J
Indeno(1,2,3-cd)pyrene	0.666	0.369	55.4	45.0-120	
Isophorone	0.666	0.290	43.5	23.0-120	J
Naphthalene	0.666	0.270	40.5	18.0-120	
Nitrobenzene	0.666	0.270	40.5	17.0-120	J
n-Nitrosodimethylamine	0.666	0.396	59.5	10.0-125	
n-Nitrosodiphenylamine	0.666	0.353	53.0	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.340	51.1	26.0-120	
Phenanthrene	0.666	0.352	52.9	42.0-120	
Benzylbutyl phthalate	0.666	0.447	67.1	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.452	67.9	41.0-120	
Di-n-butyl phthalate	0.666	0.377	56.6	43.0-120	
Diethyl phthalate	0.666	0.379	56.9	43.0-120	
Dimethyl phthalate	0.666	0.371	55.7	43.0-120	
Di-n-octyl phthalate	0.666	0.454	68.2	40.0-120	
Pyrene	0.666	0.371	55.7	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.269	40.4	17.0-120	J
4-Chloro-3-methylphenol	0.666	0.262	39.3	28.0-120	J
2-Chlorophenol	0.666	0.321	48.2	28.0-120	J
2,4-Dichlorophenol	0.666	0.273	41.0	25.0-120	J
2,4-Dimethylphenol	0.666	0.261	39.2	15.0-120	J
4,6-Dinitro-2-methylphenol	0.666	0.417	62.6	16.0-120	
2,4-Dinitrophenol	0.666	0.282	42.3	10.0-120	J
2-Methylphenol	0.666	0.324	48.6	35.0-120	J
3&4-Methyl Phenol	0.666	0.358	53.8	42.0-120	

Laboratory Control Sample (LCS)

(LCS) R4180181-1 02/25/25 19:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	0.666	0.302	45.3	20.0-120	J
4-Nitrophenol	0.666	0.400	60.1	27.0-120	
Pentachlorophenol	0.666	0.287	43.1	29.0-120	J
Pyridine	0.666	0.141	21.2	10.0-120	J
2,4,5-Trichlorophenol	0.666	0.282	42.3	38.0-120	J
2,4,6-Trichlorophenol	0.666	0.309	46.4	37.0-120	J
Phenol	0.666	0.311	46.7	28.0-120	J
(S) 2-Fluorophenol			*58.0*	*12.0-120*	
(S) Phenol-d5			*53.6*	*10.0-120*	
(S) Nitrobenzene-d5			*40.5*	*10.0-122*	
(S) 2-Fluorobiphenyl			*54.7*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*58.6*	*10.0-127*	
(S) p-Terphenyl-d14			*60.1*	*10.0-120*	

L1827692-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827692-08 02/26/25 01:35 • (MS) R4180181-3 02/26/25 01:55 • (MSD) R4180181-4 02/26/25 02:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.714	1.55	1.76	1.59	29.7	6.23	1	18.0-120		J6	9.97	32
Acenaphthylene	0.714	0.0974	0.445	0.433	48.7	46.8	1	25.0-120			2.80	32
Anthracene	0.714	0.454	0.829	0.767	52.5	43.8	1	22.0-120			7.69	29
Benzidine	1.43	U	0.483	0.481	33.8	33.7	1	10.0-120	J	J	0.463	40
Benzo(a)anthracene	0.714	0.541	0.908	0.839	51.4	41.6	1	25.0-120			7.92	29
Benzo(b)fluoranthene	0.714	0.385	0.726	0.671	47.8	40.0	1	19.0-122			7.82	31
Benzo(k)fluoranthene	0.714	0.129	0.539	0.520	57.3	54.5	1	23.0-120			3.58	30
Benzo(g,h,i)perylene	0.714	0.147	0.520	0.496	52.2	48.8	1	10.0-120			4.61	33
Benzo(a)pyrene	0.714	0.358	0.737	0.684	53.1	45.5	1	24.0-120			7.54	30
Bis(2-chlorethoxy)methane	0.714	U	0.300	0.292	42.0	40.8	1	10.0-120	J	J	2.64	34
Bis(2-chloroethyl)ether	0.714	U	0.386	0.384	54.1	53.6	1	10.0-120			0.580	40
2,2-Oxybis(1-Chloropropane)	0.714	U	0.332	0.332	46.6	46.4	1	10.0-120	J	J	0.000	40
4-Bromophenyl-phenylether	0.714	U	0.370	0.362	51.9	50.6	1	27.0-120	J	J	2.13	30
2-Chloronaphthalene	0.714	U	0.341	0.340	47.8	47.5	1	20.0-120			0.327	32
4-Chlorophenyl-phenylether	0.714	U	0.384	0.370	53.8	51.7	1	24.0-120		J	3.55	29
Chrysene	0.714	0.236	0.685	0.631	62.8	55.1	1	21.0-120			8.14	29
Dibenz(a,h)anthracene	0.714	0.0389	0.455	0.437	58.3	55.6	1	10.0-120			4.00	32
3,3-Dichlorobenzidine	1.43	U	0.831	0.822	58.2	57.6	1	10.0-120			1.08	34
2,4-Dinitrotoluene	0.714	U	0.474	0.471	66.4	65.7	1	30.0-120			0.708	31
2,6-Dinitrotoluene	0.714	U	0.423	U	59.2	0.000	1	25.0-120		J3 J6	200	31

L1827692-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827692-08 02/26/25 01:35 • (MS) R4180181-3 02/26/25 01:55 • (MSD) R4180181-4 02/26/25 02:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fluoranthene	0.714	1.71	1.99	1.75	39.1	6.23	1	18.0-126	E	J6	12.5	32
Fluorene	0.714	1.19	1.55	1.42	50.0	31.2	1	25.0-120			9.02	30
Hexachlorobenzene	0.714	U	0.347	0.325	48.6	45.3	1	27.0-120	J	J	6.64	28
Hexachloro-1,3-butadiene	0.714	U	0.267	0.263	37.3	36.8	1	10.0-120	J	J	1.26	38
Hexachlorocyclopentadiene	0.714	U	0.0283	0.0268	3.97	3.74	1	10.0-120	J J6	J J6	5.67	40
Hexachloroethane	0.714	U	0.338	0.340	47.3	47.5	1	10.0-120	J	J	0.658	40
Indeno(1,2,3-cd)pyrene	0.714	0.177	0.555	0.513	53.0	46.9	1	10.0-120			7.93	32
Isophorone	0.714	U	0.306	0.302	42.8	42.2	1	13.0-120	J	J	1.10	34
Naphthalene	0.714	0.0429	0.308	0.308	37.1	37.0	1	10.0-120			0.000	35
Nitrobenzene	0.714	U	0.279	0.277	39.1	38.6	1	10.0-120	J	J	0.803	36
n-Nitrosodimethylamine	0.714	U	0.384	0.387	53.8	54.0	1	10.0-127			0.868	40
n-Nitrosodiphenylamine	0.714	U	0.446	0.420	62.5	58.7	1	17.0-120			5.92	29
n-Nitrosodi-n-propylamine	0.714	U	0.359	0.361	50.3	50.5	1	10.0-120	J	J	0.619	37
Phenanthrene	0.714	2.58	2.73	2.38	21.9	0.000	1	17.0-120	E	E J6	14.0	31
Benzylbutyl phthalate	0.714	U	0.491	0.478	68.8	66.8	1	23.0-120			2.53	30
Bis(2-ethylhexyl)phthalate	0.714	U	0.483	0.474	67.7	66.2	1	17.0-126			1.86	30
Di-n-butyl phthalate	0.714	U	0.406	0.391	56.9	54.7	1	30.0-120			3.64	29
Diethyl phthalate	0.714	U	0.408	0.405	57.2	56.5	1	26.0-120			0.823	28
Dimethyl phthalate	0.714	U	0.401	0.396	55.9	54.9	1	25.0-120			1.40	29
Di-n-octyl phthalate	0.714	U	0.515	0.504	72.2	70.4	1	21.0-123			2.19	29
Pyrene	0.714	1.57	1.86	1.66	40.6	12.5	1	16.0-121	E	J6	11.4	32
1,2,4-Trichlorobenzene	0.714	U	0.272	0.267	38.1	37.2	1	12.0-120	J	J	2.07	37
4-Chloro-3-methylphenol	0.714	U	0.286	0.300	40.0	41.9	1	15.0-120	J	J	4.95	30
2-Chlorophenol	0.714	U	0.339	0.331	47.5	46.3	1	15.0-120	J	J	2.33	37
2,4-Dichlorophenol	0.714	U	0.299	0.298	41.9	41.6	1	20.0-120	J	J	0.374	31
2,4-Dimethylphenol	0.714	U	0.302	0.302	42.3	42.2	1	10.0-120	J	J	0.000	33
4,6-Dinitro-2-methylphenol	0.714	U	0.394	0.433	55.2	60.4	1	10.0-120			9.45	39
2,4-Dinitrophenol	0.714	U	0.339	0.379	47.5	53.0	1	10.0-121	J		11.2	40
2-Methylphenol	0.714	U	0.388	0.381	54.4	53.3	1	11.0-120			1.74	40
3&4-Methyl Phenol	0.714	U	0.398	0.400	55.8	55.9	1	12.0-123			0.559	38
2-Nitrophenol	0.714	U	0.328	0.329	45.9	46.0	1	12.0-120	J	J	0.340	39
4-Nitrophenol	0.714	U	0.496	0.495	69.5	69.2	1	10.0-137			0.225	32
Pentachlorophenol	0.714	U	0.310	0.313	43.4	43.8	1	10.0-160	J	J	1.07	31
Pyridine	0.714	U	0.202	0.196	28.3	27.4	1	10.0-120	J	J	2.80	40
2,4,5-Trichlorophenol	0.714	U	0.327	0.321	45.8	44.9	1	20.0-120	J	J	1.72	30
2,4,6-Trichlorophenol	0.714	U	0.342	0.338	48.0	47.2	1	19.0-120	J	J	1.31	32
Phenol	0.714	U	0.330	0.332	46.3	46.4	1	12.0-120	J	J	0.673	38
(S) 2-Fluorophenol					*52.7*	*52.6*		*12.0-120*				
(S) Phenol-d5					*49.7*	*49.5*		*10.0-120*				

L1827692-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827692-08 02/26/25 01:35 • (MS) R4180181-3 02/26/25 01:55 • (MSD) R4180181-4 02/26/25 02:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Nitrobenzene-d5					*35.9*	*35.2*		*10.0-122*				
(S) 2-Fluorobiphenyl					*49.4*	*47.4*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*56.7*	*54.2*		*10.0-127*				
(S) p-Terphenyl-d14					*53.1*	*51.4*		*10.0-120*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
TRC - BNSF Region 4

6 Executive Circle, Suite 200
Irvine, CA 92614

Billing Information:
Accounts Payable
6 Executive Circle, Suite 200
Irvine, CA 92614

Pres Chk

Report to:
Paul Kee 949-341-7447

Email To:
PKee@trccompanies.com;JMaldonado@trccom

Project Description:
BNSF - Gerald Depue

City/State Collected: BARSTOW, CA

Please Circle: (PT) MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
645787 / 00TA02

Lab Project #
BNSF4TRC-GERALD

Collected by (print):
SAM FRANZ

Site/Facility ID #

P.O. #
227502

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Date Results Needed: STANDARD 10 DAY TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DROCAER 8ozClr-NoPres	GROCA 40mlAmb/MeOH10ml/Syr	M6010CAM17 8ozClr-NoPres	SV8270 8ozClr-NoPres	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
SB-9-2	G	SS	2	2/17/2025	0845	4	X	X	X	X	X		-01
SB-9-5		SS	5		0900			HOLD				HOLD	-02
SB-8-2		SS	2		1030		X	X	X	X	X		-03
SB-8-5		SS	5		1100				HOLD			HOLD	-04
SB-7-2		SS	2		1235		X	X	X	X	X		-05
SB-7-5		SS	5		1240			HOLD				HOLD	-06
SB-5-2		SS	2		1304		X	X	X	X	X		-07
SB-5-5		SS	5		1308			HOLD				HOLD	-08
SB-4-2		SS	2		1343		X	X	X	X	X		-09
SB-4-5		SS	5		1354			HOLD				HOLD	-10

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1827881

Table D194

Acctnum: **BNSF4TRC**
Template: **T268432**
Prelogin: **P1131758**
PM: **4089 - Andi R Jones**
PB:
Shipped Via: **Courier**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 425709309967

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR	
	2/17/25	14:50			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: TLA 0.8+0.4=1.2 40	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/18/25 Time: 0930	Hold: / Condition: NCF / OK

ANALYTICAL REPORT

March 03, 2025

TRC - BNSF Region 4

Sample Delivery Group:	L1828473
Samples Received:	02/21/2025
Project Number:	645787 / 00TA02
Description:	BNSF - Gerald Depue

Report To: Paul Kee
6 Executive Circle, Suite 200
Irvine, CA 92614

Entire Report Reviewed By:

Andi R Jones
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SB-2-2 L1828473-01 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 07:50 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456122	1	02/22/25 10:27	02/22/25 10:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:08	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 08:43	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 07:50	02/23/25 13:35	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 07:50	02/23/25 14:49	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/27/25 22:23	SGB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	5	02/27/25 07:36	02/28/25 11:15	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	1	02/26/25 07:54	02/26/25 23:09	ALM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	10	02/26/25 07:54	02/28/25 00:59	EPF	Mt. Juliet, TN

SB-2-10 L1828473-03 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 08:25 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456122	1	02/22/25 10:27	02/22/25 10:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:34	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 08:54	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 08:25	02/23/25 13:57	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 08:25	02/23/25 15:08	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/27/25 22:08	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	1	02/26/25 07:54	02/26/25 23:33	ALM	Mt. Juliet, TN

SB-2-20 L1828473-05 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 08:50 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456122	1	02/22/25 10:27	02/22/25 10:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:37	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 08:59	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 08:50	02/23/25 16:16	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 08:50	02/23/25 15:28	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/27/25 21:39	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	1	02/26/25 07:54	02/26/25 23:57	ALM	Mt. Juliet, TN

SB-3-2 L1828473-06 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 09:05 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456122	1	02/22/25 10:27	02/22/25 10:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:39	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:01	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 09:05	02/23/25 16:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 09:05	02/23/25 15:46	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/27/25 21:54	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	1	02/26/25 07:54	02/27/25 00:22	ALM	Mt. Juliet, TN

SB-1-2 L1828473-08 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 10:15 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456122	1	02/22/25 10:27	02/22/25 10:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:42	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:02	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 10:15	02/23/25 17:00	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 10:15	02/23/25 16:05	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 09:34	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	1	02/26/25 07:54	02/27/25 00:46	ALM	Mt. Juliet, TN

SB-6-2 L1828473-10 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 10:30 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456122	1	02/22/25 10:27	02/22/25 10:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:45	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:04	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 10:30	02/23/25 17:23	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 10:30	02/23/25 16:24	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 09:48	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	1	02/26/25 07:54	02/27/25 01:34	ALM	Mt. Juliet, TN

SB-9-10 L1828473-11 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 08:45 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456122	1	02/22/25 10:27	02/22/25 10:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:47	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:06	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 08:45	02/23/25 17:45	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 08:45	02/23/25 16:44	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 10:17	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	1	02/26/25 07:54	02/27/25 03:33	ALM	Mt. Juliet, TN

SB-9-20 L1828473-13 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 09:30 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:50	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:07	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 09:30	02/23/25 18:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 09:30	02/23/25 17:03	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/27/25 20:41	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457415	1	02/26/25 07:54	02/27/25 01:10	ALM	Mt. Juliet, TN

SB-8-10 L1828473-14 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 10:30 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:53	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:09	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 10:30	02/23/25 18:29	ACG	Mt. Juliet, TN

SB-8-10 L1828473-14 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 10:30 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 10:30	02/23/25 17:21	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 00:23	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457408	1	02/25/25 06:33	02/25/25 12:17	MBE	Mt. Juliet, TN

SB-8-20 L1828473-16 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 11:00 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 18:55	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:11	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 11:00	02/23/25 18:52	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 11:00	02/23/25 17:40	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 01:07	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457390	1	02/25/25 09:20	02/25/25 22:50	JRM	Mt. Juliet, TN

SB-7-10 L1828473-17 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 11:30 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 19:03	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:12	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 11:30	02/23/25 19:14	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 11:30	02/23/25 17:59	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 03:03	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2457390	1	02/25/25 09:20	02/25/25 23:31	EPF	Mt. Juliet, TN

SB-7-20 L1828473-19 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 12:00 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 19:06	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:14	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 12:00	02/23/25 19:37	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456603	1	02/18/25 12:00	02/23/25 18:19	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 01:22	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2458766	1	02/27/25 07:46	02/27/25 14:41	MBE	Mt. Juliet, TN

SB-5-10 L1828473-20 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 13:45 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 19:08	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:19	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 13:45	02/23/25 21:06	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456643	1	02/18/25 13:45	02/23/25 15:02	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 03:33	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2458766	1	02/27/25 07:46	02/27/25 15:02	MBE	Mt. Juliet, TN

SB-4-10 L1828473-22 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 15:00 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 19:11	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:21	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 15:00	02/23/25 21:29	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456643	1	02/18/25 15:00	02/23/25 15:23	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/28/25 01:36	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2458768	1	02/27/25 16:21	02/28/25 20:22	EPF	Mt. Juliet, TN

SB-4-20 L1828473-24 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 15:30 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 19:14	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:22	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456577	25	02/18/25 15:30	02/23/25 21:51	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456643	1	02/18/25 15:30	02/23/25 15:43	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/27/25 20:55	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2458768	1	02/27/25 16:21	02/28/25 20:43	EPF	Mt. Juliet, TN

SB-5-20 L1828473-26 Solid

Collected by: Sam Franz | Collected date/time: 02/18/25 14:15 | Received date/time: 02/21/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2456123	1	02/22/25 10:44	02/22/25 11:00	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2455969	1	02/21/25 21:01	02/23/25 19:16	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2456234	1	02/22/25 16:15	02/23/25 09:24	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG2456803	25.3	02/18/25 14:15	02/24/25 14:32	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2456643	1.01	02/18/25 14:15	02/23/25 16:03	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2458775	1	02/27/25 07:36	02/27/25 21:10	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2458768	1	02/27/25 16:21	02/28/25 21:04	EPF	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Andi R Jones
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.8		1	02/22/2025 10:42	WG2456122

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0217	0.0422	1	02/23/2025 18:08	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	0.805	J	0.729	2.11	1	02/23/2025 08:43	WG2456234
Arsenic	3.22		0.883	2.11	1	02/23/2025 08:43	WG2456234
Barium	68.5		0.0896	0.527	1	02/23/2025 08:43	WG2456234
Beryllium	0.278		0.0503	0.211	1	02/23/2025 08:43	WG2456234
Cadmium	U		0.0689	0.527	1	02/23/2025 08:43	WG2456234
Chromium	9.85		0.226	1.05	1	02/23/2025 08:43	WG2456234
Cobalt	5.44		0.187	1.05	1	02/23/2025 08:43	WG2456234
Copper	8.77		0.377	2.11	1	02/23/2025 08:43	WG2456234
Lead	4.19		0.344	0.527	1	02/23/2025 08:43	WG2456234
Molybdenum	0.254	J	0.0179	0.527	1	02/23/2025 08:43	WG2456234
Nickel	6.24		0.211	2.11	1	02/23/2025 08:43	WG2456234
Selenium	U		1.13	2.11	1	02/23/2025 08:43	WG2456234
Silver	U		0.134	1.05	1	02/23/2025 08:43	WG2456234
Thallium	U		0.546	2.11	1	02/23/2025 08:43	WG2456234
Vanadium	29.7		0.404	2.11	1	02/23/2025 08:43	WG2456234
Zinc	26.3		1.03	5.27	1	02/23/2025 08:43	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.924	2.78	25	02/23/2025 13:35	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*77.0-120*		*02/23/2025 13:35*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0407	0.0557	1	02/23/2025 14:49	WG2456603
Acrylonitrile	U		0.00402	0.0139	1	02/23/2025 14:49	WG2456603
Benzene	U		0.000520	0.00111	1	02/23/2025 14:49	WG2456603
Bromobenzene	U		0.00100	0.0139	1	02/23/2025 14:49	WG2456603
Bromodichloromethane	U		0.000807	0.00278	1	02/23/2025 14:49	WG2456603
Bromoform	U		0.00130	0.0278	1	02/23/2025 14:49	WG2456603
Bromomethane	U	C3	0.00219	0.0139	1	02/23/2025 14:49	WG2456603
n-Butylbenzene	U		0.00585	0.0139	1	02/23/2025 14:49	WG2456603
sec-Butylbenzene	U		0.00321	0.0139	1	02/23/2025 14:49	WG2456603
tert-Butylbenzene	U		0.00217	0.00557	1	02/23/2025 14:49	WG2456603
Carbon tetrachloride	U		0.00100	0.00557	1	02/23/2025 14:49	WG2456603
Chlorobenzene	U		0.000234	0.00278	1	02/23/2025 14:49	WG2456603
Chlorodibromomethane	U		0.000682	0.00278	1	02/23/2025 14:49	WG2456603
Chloroethane	U		0.00189	0.00557	1	02/23/2025 14:49	WG2456603
Chloroform	U		0.00115	0.00278	1	02/23/2025 14:49	WG2456603
Chloromethane	U		0.00484	0.0139	1	02/23/2025 14:49	WG2456603
2-Chlorotoluene	U		0.000963	0.00278	1	02/23/2025 14:49	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000501	0.00557	1	02/23/2025 14:49	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00434	0.0278	1	02/23/2025 14:49	WG2456603
1,2-Dibromoethane	U		0.000722	0.00278	1	02/23/2025 14:49	WG2456603
Dibromomethane	U		0.000835	0.00557	1	02/23/2025 14:49	WG2456603
1,2-Dichlorobenzene	U		0.000473	0.00557	1	02/23/2025 14:49	WG2456603
1,3-Dichlorobenzene	U		0.000668	0.00557	1	02/23/2025 14:49	WG2456603
1,4-Dichlorobenzene	U		0.000780	0.00557	1	02/23/2025 14:49	WG2456603
Dichlorodifluoromethane	U	C3	0.00179	0.00557	1	02/23/2025 14:49	WG2456603
1,1-Dichloroethane	U		0.000547	0.00278	1	02/23/2025 14:49	WG2456603
1,2-Dichloroethane	U		0.000723	0.00278	1	02/23/2025 14:49	WG2456603
1,1-Dichloroethene	U		0.000675	0.00278	1	02/23/2025 14:49	WG2456603
cis-1,2-Dichloroethene	U		0.000817	0.00278	1	02/23/2025 14:49	WG2456603
trans-1,2-Dichloroethene	U		0.00116	0.00557	1	02/23/2025 14:49	WG2456603
1,2-Dichloropropane	U		0.00158	0.00557	1	02/23/2025 14:49	WG2456603
1,1-Dichloropropene	U		0.000901	0.00278	1	02/23/2025 14:49	WG2456603
1,3-Dichloropropane	U		0.000558	0.00557	1	02/23/2025 14:49	WG2456603
cis-1,3-Dichloropropene	U		0.000843	0.00278	1	02/23/2025 14:49	WG2456603
trans-1,3-Dichloropropene	U		0.00127	0.00557	1	02/23/2025 14:49	WG2456603
2,2-Dichloropropane	U		0.00154	0.00278	1	02/23/2025 14:49	WG2456603
Di-isopropyl ether	U		0.000457	0.00111	1	02/23/2025 14:49	WG2456603
Ethylbenzene	U		0.000821	0.00278	1	02/23/2025 14:49	WG2456603
Hexachloro-1,3-butadiene	U		0.00668	0.0278	1	02/23/2025 14:49	WG2456603
Isopropylbenzene	U		0.000473	0.00278	1	02/23/2025 14:49	WG2456603
p-Isopropyltoluene	U		0.00284	0.00557	1	02/23/2025 14:49	WG2456603
2-Butanone (MEK)	U		0.0707	0.111	1	02/23/2025 14:49	WG2456603
Methylene Chloride	U		0.00740	0.0278	1	02/23/2025 14:49	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00254	0.0278	1	02/23/2025 14:49	WG2456603
Methyl tert-butyl ether	U		0.000390	0.00111	1	02/23/2025 14:49	WG2456603
Naphthalene	U		0.00544	0.0139	1	02/23/2025 14:49	WG2456603
n-Propylbenzene	U		0.00106	0.00557	1	02/23/2025 14:49	WG2456603
Styrene	U		0.000255	0.0139	1	02/23/2025 14:49	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00106	0.00278	1	02/23/2025 14:49	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000774	0.00278	1	02/23/2025 14:49	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000840	0.00278	1	02/23/2025 14:49	WG2456603
Tetrachloroethene	U		0.000998	0.00278	1	02/23/2025 14:49	WG2456603
Toluene	U		0.00145	0.00557	1	02/23/2025 14:49	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00816	0.0139	1	02/23/2025 14:49	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00490	0.0139	1	02/23/2025 14:49	WG2456603
1,1,1-Trichloroethane	U		0.00103	0.00278	1	02/23/2025 14:49	WG2456603
1,1,2-Trichloroethane	U		0.000665	0.00278	1	02/23/2025 14:49	WG2456603
Trichloroethene	U		0.000650	0.00111	1	02/23/2025 14:49	WG2456603
Trichlorofluoromethane	U		0.000921	0.00278	1	02/23/2025 14:49	WG2456603
1,2,3-Trichloropropane	U		0.00180	0.0139	1	02/23/2025 14:49	WG2456603
1,2,4-Trimethylbenzene	U		0.00176	0.00557	1	02/23/2025 14:49	WG2456603
1,2,3-Trimethylbenzene	U		0.00176	0.00557	1	02/23/2025 14:49	WG2456603
Vinyl chloride	U	C3	0.00129	0.00278	1	02/23/2025 14:49	WG2456603
1,3,5-Trimethylbenzene	U		0.00223	0.00557	1	02/23/2025 14:49	WG2456603
Xylenes, Total	U		0.000980	0.00724	1	02/23/2025 14:49	WG2456603
(S) Toluene-d8	*97.9*			*75.0-131*		*02/23/2025 14:49*	WG2456603
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*02/23/2025 14:49*	WG2456603
(S) 1,2-Dichloroethane-d4	*89.5*			*70.0-130*		*02/23/2025 14:49*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	368		13.4	21.1	5	02/28/2025 11:15	WG2458775
C22-C32 Hydrocarbons	301		13.4	21.1	5	02/28/2025 11:15	WG2458775
C32-C40 Hydrocarbons	53.2		2.67	4.22	1	02/27/2025 22:23	WG2458775
(S) o-Terphenyl	*174*	J1		*18.0-148*		*02/27/2025 22:23*	WG2458775
(S) o-Terphenyl	*133*			*18.0-148*		*02/28/2025 11:15*	WG2458775

Sample Narrative:

L1828473-01 WG2458775: Surrogate failure due to matrix interference

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00568	0.0351	1	02/26/2025 23:09	WG2457415
Acenaphthylene	U		0.00495	0.0351	1	02/26/2025 23:09	WG2457415
Anthracene	U		0.00625	0.0351	1	02/26/2025 23:09	WG2457415
Benzidine	U	C3	0.0660	1.76	1	02/26/2025 23:09	WG2457415
Benzo(a)anthracene	U		0.00619	0.0351	1	02/26/2025 23:09	WG2457415
Benzo(b)fluoranthene	U		0.0655	0.351	10	02/28/2025 00:59	WG2457415
Benzo(k)fluoranthene	U		0.0624	0.351	10	02/28/2025 00:59	WG2457415
Benzo(g,h,i)perylene	U		0.0642	0.351	10	02/28/2025 00:59	WG2457415
Benzo(a)pyrene	U		0.0653	0.351	10	02/28/2025 00:59	WG2457415
Bis(2-chlorethoxy)methane	U		0.0105	0.351	1	02/26/2025 23:09	WG2457415
Bis(2-chloroethyl)ether	U		0.0116	0.351	1	02/26/2025 23:09	WG2457415
2,2-Oxybis(1-Chloropropane)	U		0.0152	0.351	1	02/26/2025 23:09	WG2457415
4-Bromophenyl-phenylether	U		0.0123	0.351	1	02/26/2025 23:09	WG2457415
2-Chloronaphthalene	U		0.00617	0.0351	1	02/26/2025 23:09	WG2457415
4-Chlorophenyl-phenylether	U		0.0122	0.351	1	02/26/2025 23:09	WG2457415
Chrysene	U		0.00698	0.0351	1	02/26/2025 23:09	WG2457415
Dibenz(a,h)anthracene	U		0.0973	0.351	10	02/28/2025 00:59	WG2457415
3,3-Dichlorobenzidine	U		0.0130	0.351	1	02/26/2025 23:09	WG2457415
2,4-Dinitrotoluene	U		0.0101	0.351	1	02/26/2025 23:09	WG2457415
2,6-Dinitrotoluene	U		0.0115	0.351	1	02/26/2025 23:09	WG2457415
Fluoranthene	U		0.00634	0.0351	1	02/26/2025 23:09	WG2457415
Fluorene	U		0.00572	0.0351	1	02/26/2025 23:09	WG2457415
Hexachlorobenzene	U		0.0124	0.351	1	02/26/2025 23:09	WG2457415
Hexachloro-1,3-butadiene	U		0.0118	0.351	1	02/26/2025 23:09	WG2457415
Hexachlorocyclopentadiene	U		0.0185	0.351	1	02/26/2025 23:09	WG2457415
Hexachloroethane	U		0.0138	0.351	1	02/26/2025 23:09	WG2457415
Indeno(1,2,3-cd)pyrene	U		0.0992	0.351	10	02/28/2025 00:59	WG2457415
Isophorone	U		0.0108	0.351	1	02/26/2025 23:09	WG2457415
Naphthalene	U		0.00882	0.0351	1	02/26/2025 23:09	WG2457415
Nitrobenzene	U		0.0122	0.351	1	02/26/2025 23:09	WG2457415
n-Nitrosodimethylamine	U		0.0521	0.351	1	02/26/2025 23:09	WG2457415
n-Nitrosodiphenylamine	U		0.0266	0.351	1	02/26/2025 23:09	WG2457415
n-Nitrosodi-n-propylamine	U		0.0117	0.351	1	02/26/2025 23:09	WG2457415
Phenanthrene	U		0.00697	0.0351	1	02/26/2025 23:09	WG2457415
Benzylbutyl phthalate	U		0.0110	0.351	1	02/26/2025 23:09	WG2457415
Bis(2-ethylhexyl)phthalate	U		0.0445	0.351	1	02/26/2025 23:09	WG2457415
Di-n-butyl phthalate	U		0.0120	0.351	1	02/26/2025 23:09	WG2457415
Diethyl phthalate	U		0.0116	0.351	1	02/26/2025 23:09	WG2457415
Dimethyl phthalate	U		0.0745	0.351	1	02/26/2025 23:09	WG2457415
Di-n-octyl phthalate	U		0.0237	0.351	1	02/26/2025 23:09	WG2457415
Pyrene	U		0.00683	0.0351	1	02/26/2025 23:09	WG2457415
1,2,4-Trichlorobenzene	U		0.0110	0.351	1	02/26/2025 23:09	WG2457415
4-Chloro-3-methylphenol	U		0.0114	0.351	1	02/26/2025 23:09	WG2457415
2-Chlorophenol	U		0.0116	0.351	1	02/26/2025 23:09	WG2457415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2,4-Dichlorophenol	U		0.0102	0.351	1	02/26/2025 23:09	WG2457415
2,4-Dimethylphenol	U		0.00918	0.351	1	02/26/2025 23:09	WG2457415
4,6-Dinitro-2-methylphenol	U		0.0796	0.351	1	02/26/2025 23:09	WG2457415
2,4-Dinitrophenol	U		0.0822	0.351	1	02/26/2025 23:09	WG2457415
2-Methylphenol	U		0.0105	0.351	1	02/26/2025 23:09	WG2457415
3&4-Methyl Phenol	U		0.0110	0.351	1	02/26/2025 23:09	WG2457415
2-Nitrophenol	U		0.0126	0.351	1	02/26/2025 23:09	WG2457415
4-Nitrophenol	U		0.0110	0.351	1	02/26/2025 23:09	WG2457415
Pentachlorophenol	U		0.00945	0.351	1	02/26/2025 23:09	WG2457415
Pyridine	U		0.0232	0.351	1	02/26/2025 23:09	WG2457415
2,4,5-Trichlorophenol	U		0.0119	0.351	1	02/26/2025 23:09	WG2457415
2,4,6-Trichlorophenol	U		0.0113	0.351	1	02/26/2025 23:09	WG2457415
Phenol	U		0.0141	0.351	1	02/26/2025 23:09	WG2457415
(S) 2-Fluorophenol	*62.2*			*12.0-120*		*02/28/2025 00:59*	WG2457415
(S) 2-Fluorophenol	*72.0*			*12.0-120*		*02/26/2025 23:09*	WG2457415
(S) Phenol-d5	*65.7*			*10.0-120*		*02/26/2025 23:09*	WG2457415
(S) Phenol-d5	*57.1*			*10.0-120*		*02/28/2025 00:59*	WG2457415
(S) Nitrobenzene-d5	*67.7*			*10.0-122*		*02/26/2025 23:09*	WG2457415
(S) Nitrobenzene-d5	*52.8*			*10.0-122*		*02/28/2025 00:59*	WG2457415
(S) 2-Fluorobiphenyl	*71.5*			*15.0-120*		*02/26/2025 23:09*	WG2457415
(S) 2-Fluorobiphenyl	*57.6*			*15.0-120*		*02/28/2025 00:59*	WG2457415
(S) 2,4,6-Tribromophenol	*88.3*			*10.0-127*		*02/26/2025 23:09*	WG2457415
(S) 2,4,6-Tribromophenol	*54.3*			*10.0-127*		*02/28/2025 00:59*	WG2457415
(S) p-Terphenyl-d14	*72.8*			*10.0-120*		*02/26/2025 23:09*	WG2457415
(S) p-Terphenyl-d14	*70.6*			*10.0-120*		*02/28/2025 00:59*	WG2457415

Sample Narrative:

L1828473-01 WG2457415: IS/SURR failed on lower dilution.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.2		1	02/22/2025 10:42	WG2456122

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0210	0.0407	1	02/23/2025 18:34	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.30	J	0.703	2.04	1	02/23/2025 08:54	WG2456234
Arsenic	6.19		0.852	2.04	1	02/23/2025 08:54	WG2456234
Barium	41.5		0.0865	0.509	1	02/23/2025 08:54	WG2456234
Beryllium	0.119	J	0.0486	0.204	1	02/23/2025 08:54	WG2456234
Cadmium	U		0.0665	0.509	1	02/23/2025 08:54	WG2456234
Chromium	5.99		0.218	1.02	1	02/23/2025 08:54	WG2456234
Cobalt	4.05		0.180	1.02	1	02/23/2025 08:54	WG2456234
Copper	5.00		0.363	2.04	1	02/23/2025 08:54	WG2456234
Lead	2.29		0.332	0.509	1	02/23/2025 08:54	WG2456234
Molybdenum	0.359	J	0.0173	0.509	1	02/23/2025 08:54	WG2456234
Nickel	3.62		0.204	2.04	1	02/23/2025 08:54	WG2456234
Selenium	U		1.09	2.04	1	02/23/2025 08:54	WG2456234
Silver	U		0.129	1.02	1	02/23/2025 08:54	WG2456234
Thallium	U		0.527	2.04	1	02/23/2025 08:54	WG2456234
Vanadium	34.2		0.390	2.04	1	02/23/2025 08:54	WG2456234
Zinc	20.5		0.991	5.09	1	02/23/2025 08:54	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.860	2.59	25	02/23/2025 13:57	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*		*02/23/2025 13:57*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0378	0.0518	1	02/23/2025 15:08	WG2456603
Acrylonitrile	U		0.00374	0.0129	1	02/23/2025 15:08	WG2456603
Benzene	U		0.000484	0.00104	1	02/23/2025 15:08	WG2456603
Bromobenzene	U		0.000932	0.0129	1	02/23/2025 15:08	WG2456603
Bromodichloromethane	U		0.000751	0.00259	1	02/23/2025 15:08	WG2456603
Bromoform	U		0.00121	0.0259	1	02/23/2025 15:08	WG2456603
Bromomethane	U	C3	0.00204	0.0129	1	02/23/2025 15:08	WG2456603
n-Butylbenzene	U		0.00544	0.0129	1	02/23/2025 15:08	WG2456603
sec-Butylbenzene	U		0.00298	0.0129	1	02/23/2025 15:08	WG2456603
tert-Butylbenzene	U		0.00202	0.00518	1	02/23/2025 15:08	WG2456603
Carbon tetrachloride	U		0.000930	0.00518	1	02/23/2025 15:08	WG2456603
Chlorobenzene	U		0.000218	0.00259	1	02/23/2025 15:08	WG2456603
Chlorodibromomethane	U		0.000634	0.00259	1	02/23/2025 15:08	WG2456603
Chloroethane	U		0.00176	0.00518	1	02/23/2025 15:08	WG2456603
Chloroform	U		0.00107	0.00259	1	02/23/2025 15:08	WG2456603
Chloromethane	U		0.00451	0.0129	1	02/23/2025 15:08	WG2456603
2-Chlorotoluene	U		0.000896	0.00259	1	02/23/2025 15:08	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000466	0.00518	1	02/23/2025 15:08	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00404	0.0259	1	02/23/2025 15:08	WG2456603
1,2-Dibromoethane	U		0.000671	0.00259	1	02/23/2025 15:08	WG2456603
Dibromomethane	U		0.000777	0.00518	1	02/23/2025 15:08	WG2456603
1,2-Dichlorobenzene	U		0.000440	0.00518	1	02/23/2025 15:08	WG2456603
1,3-Dichlorobenzene	U		0.000622	0.00518	1	02/23/2025 15:08	WG2456603
1,4-Dichlorobenzene	U		0.000725	0.00518	1	02/23/2025 15:08	WG2456603
Dichlorodifluoromethane	U	C3	0.00167	0.00518	1	02/23/2025 15:08	WG2456603
1,1-Dichloroethane	U		0.000509	0.00259	1	02/23/2025 15:08	WG2456603
1,2-Dichloroethane	U		0.000672	0.00259	1	02/23/2025 15:08	WG2456603
1,1-Dichloroethene	U		0.000628	0.00259	1	02/23/2025 15:08	WG2456603
cis-1,2-Dichloroethene	U		0.000760	0.00259	1	02/23/2025 15:08	WG2456603
trans-1,2-Dichloroethene	U		0.00108	0.00518	1	02/23/2025 15:08	WG2456603
1,2-Dichloropropane	U		0.00147	0.00518	1	02/23/2025 15:08	WG2456603
1,1-Dichloropropene	U		0.000838	0.00259	1	02/23/2025 15:08	WG2456603
1,3-Dichloropropane	U		0.000519	0.00518	1	02/23/2025 15:08	WG2456603
cis-1,3-Dichloropropene	U		0.000784	0.00259	1	02/23/2025 15:08	WG2456603
trans-1,3-Dichloropropene	U		0.00118	0.00518	1	02/23/2025 15:08	WG2456603
2,2-Dichloropropane	U		0.00143	0.00259	1	02/23/2025 15:08	WG2456603
Di-isopropyl ether	U		0.000425	0.00104	1	02/23/2025 15:08	WG2456603
Ethylbenzene	U		0.000763	0.00259	1	02/23/2025 15:08	WG2456603
Hexachloro-1,3-butadiene	U		0.00622	0.0259	1	02/23/2025 15:08	WG2456603
Isopropylbenzene	U		0.000440	0.00259	1	02/23/2025 15:08	WG2456603
p-Isopropyltoluene	U		0.00264	0.00518	1	02/23/2025 15:08	WG2456603
2-Butanone (MEK)	U		0.0658	0.104	1	02/23/2025 15:08	WG2456603
Methylene Chloride	U		0.00688	0.0259	1	02/23/2025 15:08	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00236	0.0259	1	02/23/2025 15:08	WG2456603
Methyl tert-butyl ether	U		0.000363	0.00104	1	02/23/2025 15:08	WG2456603
Naphthalene	U		0.00506	0.0129	1	02/23/2025 15:08	WG2456603
n-Propylbenzene	U		0.000984	0.00518	1	02/23/2025 15:08	WG2456603
Styrene	U		0.000237	0.0129	1	02/23/2025 15:08	WG2456603
1,1,1,2-Tetrachloroethane	U		0.000982	0.00259	1	02/23/2025 15:08	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000720	0.00259	1	02/23/2025 15:08	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000781	0.00259	1	02/23/2025 15:08	WG2456603
Tetrachloroethene	U		0.000928	0.00259	1	02/23/2025 15:08	WG2456603
Toluene	U		0.00135	0.00518	1	02/23/2025 15:08	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00759	0.0129	1	02/23/2025 15:08	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00456	0.0129	1	02/23/2025 15:08	WG2456603
1,1,1-Trichloroethane	U		0.000956	0.00259	1	02/23/2025 15:08	WG2456603
1,1,2-Trichloroethane	U		0.000618	0.00259	1	02/23/2025 15:08	WG2456603
Trichloroethene	U		0.000605	0.00104	1	02/23/2025 15:08	WG2456603
Trichlorofluoromethane	U		0.000857	0.00259	1	02/23/2025 15:08	WG2456603
1,2,3-Trichloropropane	U		0.00168	0.0129	1	02/23/2025 15:08	WG2456603
1,2,4-Trimethylbenzene	U		0.00164	0.00518	1	02/23/2025 15:08	WG2456603
1,2,3-Trimethylbenzene	U		0.00164	0.00518	1	02/23/2025 15:08	WG2456603
Vinyl chloride	U	C3	0.00120	0.00259	1	02/23/2025 15:08	WG2456603
1,3,5-Trimethylbenzene	U		0.00207	0.00518	1	02/23/2025 15:08	WG2456603
Xylenes, Total	U		0.000912	0.00673	1	02/23/2025 15:08	WG2456603
(S) Toluene-d8	*97.3*			*75.0-131*		*02/23/2025 15:08*	WG2456603
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*02/23/2025 15:08*	WG2456603
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*02/23/2025 15:08*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	74.2		2.58	4.07	1	02/27/2025 22:08	WG2458775
C22-C32 Hydrocarbons	76.1		2.58	4.07	1	02/27/2025 22:08	WG2458775
C32-C40 Hydrocarbons	11.3		2.58	4.07	1	02/27/2025 22:08	WG2458775
(S) o-Terphenyl	*88.7*			*18.0-148*		*02/27/2025 22:08*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00549	0.0339	1	02/26/2025 23:33	WG2457415
Acenaphthylene	U		0.00477	0.0339	1	02/26/2025 23:33	WG2457415
Anthracene	U		0.00604	0.0339	1	02/26/2025 23:33	WG2457415
Benzidine	U	C3	0.0637	1.70	1	02/26/2025 23:33	WG2457415
Benzo(a)anthracene	U		0.00598	0.0339	1	02/26/2025 23:33	WG2457415
Benzo(b)fluoranthene	U		0.00632	0.0339	1	02/26/2025 23:33	WG2457415
Benzo(k)fluoranthene	U		0.00603	0.0339	1	02/26/2025 23:33	WG2457415
Benzo(g,h,i)perylene	U		0.00620	0.0339	1	02/26/2025 23:33	WG2457415
Benzo(a)pyrene	U		0.00630	0.0339	1	02/26/2025 23:33	WG2457415
Bis(2-chlorethoxy)methane	U		0.0102	0.339	1	02/26/2025 23:33	WG2457415
Bis(2-chloroethyl)ether	U		0.0112	0.339	1	02/26/2025 23:33	WG2457415
2,2-Oxybis(1-Chloropropane)	U		0.0147	0.339	1	02/26/2025 23:33	WG2457415
4-Bromophenyl-phenylether	U		0.0119	0.339	1	02/26/2025 23:33	WG2457415
2-Chloronaphthalene	U		0.00595	0.0339	1	02/26/2025 23:33	WG2457415
4-Chlorophenyl-phenylether	U		0.0118	0.339	1	02/26/2025 23:33	WG2457415
Chrysene	U		0.00674	0.0339	1	02/26/2025 23:33	WG2457415
Dibenz(a,h)anthracene	U		0.00940	0.0339	1	02/26/2025 23:33	WG2457415
3,3-Dichlorobenzidine	U		0.0125	0.339	1	02/26/2025 23:33	WG2457415
2,4-Dinitrotoluene	U		0.00972	0.339	1	02/26/2025 23:33	WG2457415
2,6-Dinitrotoluene	U		0.0111	0.339	1	02/26/2025 23:33	WG2457415
Fluoranthene	U		0.00612	0.0339	1	02/26/2025 23:33	WG2457415
Fluorene	U		0.00552	0.0339	1	02/26/2025 23:33	WG2457415
Hexachlorobenzene	U		0.0120	0.339	1	02/26/2025 23:33	WG2457415
Hexachloro-1,3-butadiene	U		0.0114	0.339	1	02/26/2025 23:33	WG2457415
Hexachlorocyclopentadiene	U		0.0178	0.339	1	02/26/2025 23:33	WG2457415
Hexachloroethane	U		0.0133	0.339	1	02/26/2025 23:33	WG2457415
Indeno(1,2,3-cd)pyrene	U		0.00958	0.0339	1	02/26/2025 23:33	WG2457415
Isophorone	U		0.0104	0.339	1	02/26/2025 23:33	WG2457415
Naphthalene	U		0.00851	0.0339	1	02/26/2025 23:33	WG2457415
Nitrobenzene	U		0.0118	0.339	1	02/26/2025 23:33	WG2457415
n-Nitrosodimethylamine	U		0.0503	0.339	1	02/26/2025 23:33	WG2457415
n-Nitrosodiphenylamine	U		0.0257	0.339	1	02/26/2025 23:33	WG2457415
n-Nitrosodi-n-propylamine	U		0.0113	0.339	1	02/26/2025 23:33	WG2457415
Phenanthrene	U		0.00673	0.0339	1	02/26/2025 23:33	WG2457415
Benzylbutyl phthalate	U		0.0106	0.339	1	02/26/2025 23:33	WG2457415
Bis(2-ethylhexyl)phthalate	U		0.0430	0.339	1	02/26/2025 23:33	WG2457415
Di-n-butyl phthalate	U		0.0116	0.339	1	02/26/2025 23:33	WG2457415
Diethyl phthalate	U		0.0112	0.339	1	02/26/2025 23:33	WG2457415
Dimethyl phthalate	U		0.0719	0.339	1	02/26/2025 23:33	WG2457415
Di-n-octyl phthalate	U		0.0229	0.339	1	02/26/2025 23:33	WG2457415
Pyrene	U		0.00660	0.0339	1	02/26/2025 23:33	WG2457415
1,2,4-Trichlorobenzene	U		0.0106	0.339	1	02/26/2025 23:33	WG2457415
4-Chloro-3-methylphenol	U		0.0110	0.339	1	02/26/2025 23:33	WG2457415
2-Chlorophenol	U		0.0112	0.339	1	02/26/2025 23:33	WG2457415
2,4-Dichlorophenol	U		0.00987	0.339	1	02/26/2025 23:33	WG2457415
2,4-Dimethylphenol	U		0.00886	0.339	1	02/26/2025 23:33	WG2457415
4,6-Dinitro-2-methylphenol	U		0.0769	0.339	1	02/26/2025 23:33	WG2457415
2,4-Dinitrophenol	U		0.0793	0.339	1	02/26/2025 23:33	WG2457415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0102	0.339	1	02/26/2025 23:33	WG2457415
3&4-Methyl Phenol	U		0.0106	0.339	1	02/26/2025 23:33	WG2457415
2-Nitrophenol	U		0.0121	0.339	1	02/26/2025 23:33	WG2457415
4-Nitrophenol	U		0.0106	0.339	1	02/26/2025 23:33	WG2457415
Pentachlorophenol	U		0.00912	0.339	1	02/26/2025 23:33	WG2457415
Pyridine	U		0.0224	0.339	1	02/26/2025 23:33	WG2457415
2,4,5-Trichlorophenol	U		0.0115	0.339	1	02/26/2025 23:33	WG2457415
2,4,6-Trichlorophenol	U		0.0109	0.339	1	02/26/2025 23:33	WG2457415
Phenol	U		0.0136	0.339	1	02/26/2025 23:33	WG2457415
(S) 2-Fluorophenol	*76.7*			*12.0-120*		*02/26/2025 23:33*	WG2457415
(S) Phenol-d5	*67.7*			*10.0-120*		*02/26/2025 23:33*	WG2457415
(S) Nitrobenzene-d5	*72.8*			*10.0-122*		*02/26/2025 23:33*	WG2457415
(S) 2-Fluorobiphenyl	*74.4*			*15.0-120*		*02/26/2025 23:33*	WG2457415
(S) 2,4,6-Tribromophenol	*88.7*			*10.0-127*		*02/26/2025 23:33*	WG2457415
(S) p-Terphenyl-d14	*78.4*			*10.0-120*		*02/26/2025 23:33*	WG2457415

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.9		1	02/22/2025 10:42	WG2456122

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0251	0.0488	1	02/23/2025 18:37	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.26	J	0.843	2.44	1	02/23/2025 08:59	WG2456234
Arsenic	10.4		1.02	2.44	1	02/23/2025 08:59	WG2456234
Barium	166		0.104	0.610	1	02/23/2025 08:59	WG2456234
Beryllium	0.747		0.0582	0.244	1	02/23/2025 08:59	WG2456234
Cadmium	U		0.0797	0.610	1	02/23/2025 08:59	WG2456234
Chromium	32.7		0.261	1.22	1	02/23/2025 08:59	WG2456234
Cobalt	18.2		0.216	1.22	1	02/23/2025 08:59	WG2456234
Copper	29.6		0.436	2.44	1	02/23/2025 08:59	WG2456234
Lead	10.8		0.398	0.610	1	02/23/2025 08:59	WG2456234
Molybdenum	0.550	J	0.0208	0.610	1	02/23/2025 08:59	WG2456234
Nickel	21.3		0.244	2.44	1	02/23/2025 08:59	WG2456234
Selenium	1.45	J	1.31	2.44	1	02/23/2025 08:59	WG2456234
Silver	U		0.155	1.22	1	02/23/2025 08:59	WG2456234
Thallium	U		0.632	2.44	1	02/23/2025 08:59	WG2456234
Vanadium	96.0		0.467	2.44	1	02/23/2025 08:59	WG2456234
Zinc	99.3		1.19	6.10	1	02/23/2025 08:59	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.21	3.64	25	02/23/2025 16:16	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*77.0-120*		*02/23/2025 16:16*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0531	0.0727	1	02/23/2025 15:28	WG2456603
Acrylonitrile	U		0.00525	0.0182	1	02/23/2025 15:28	WG2456603
Benzene	U		0.000679	0.00145	1	02/23/2025 15:28	WG2456603
Bromobenzene	U		0.00131	0.0182	1	02/23/2025 15:28	WG2456603
Bromodichloromethane	U		0.00105	0.00364	1	02/23/2025 15:28	WG2456603
Bromoform	U		0.00170	0.0364	1	02/23/2025 15:28	WG2456603
Bromomethane	U	C3	0.00287	0.0182	1	02/23/2025 15:28	WG2456603
n-Butylbenzene	U		0.00764	0.0182	1	02/23/2025 15:28	WG2456603
sec-Butylbenzene	U		0.00419	0.0182	1	02/23/2025 15:28	WG2456603
tert-Butylbenzene	U		0.00284	0.00727	1	02/23/2025 15:28	WG2456603
Carbon tetrachloride	U		0.00131	0.00727	1	02/23/2025 15:28	WG2456603
Chlorobenzene	U		0.000306	0.00364	1	02/23/2025 15:28	WG2456603
Chlorodibromomethane	U		0.000890	0.00364	1	02/23/2025 15:28	WG2456603
Chloroethane	U		0.00247	0.00727	1	02/23/2025 15:28	WG2456603
Chloroform	U		0.00150	0.00364	1	02/23/2025 15:28	WG2456603
Chloromethane	U		0.00633	0.0182	1	02/23/2025 15:28	WG2456603
2-Chlorotoluene	U		0.00126	0.00364	1	02/23/2025 15:28	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000655	0.00727	1	02/23/2025 15:28	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00567	0.0364	1	02/23/2025 15:28	WG2456603
1,2-Dibromoethane	U		0.000943	0.00364	1	02/23/2025 15:28	WG2456603
Dibromomethane	U		0.00109	0.00727	1	02/23/2025 15:28	WG2456603
1,2-Dichlorobenzene	U		0.000618	0.00727	1	02/23/2025 15:28	WG2456603
1,3-Dichlorobenzene	U		0.000873	0.00727	1	02/23/2025 15:28	WG2456603
1,4-Dichlorobenzene	U		0.00102	0.00727	1	02/23/2025 15:28	WG2456603
Dichlorodifluoromethane	U	C3	0.00234	0.00727	1	02/23/2025 15:28	WG2456603
1,1-Dichloroethane	U		0.000714	0.00364	1	02/23/2025 15:28	WG2456603
1,2-Dichloroethane	U		0.000944	0.00364	1	02/23/2025 15:28	WG2456603
1,1-Dichloroethene	U		0.000882	0.00364	1	02/23/2025 15:28	WG2456603
cis-1,2-Dichloroethene	U		0.00107	0.00364	1	02/23/2025 15:28	WG2456603
trans-1,2-Dichloroethene	U		0.00151	0.00727	1	02/23/2025 15:28	WG2456603
1,2-Dichloropropane	U		0.00207	0.00727	1	02/23/2025 15:28	WG2456603
1,1-Dichloropropene	U		0.00118	0.00364	1	02/23/2025 15:28	WG2456603
1,3-Dichloropropane	U		0.000729	0.00727	1	02/23/2025 15:28	WG2456603
cis-1,3-Dichloropropene	U		0.00110	0.00364	1	02/23/2025 15:28	WG2456603
trans-1,3-Dichloropropene	U		0.00166	0.00727	1	02/23/2025 15:28	WG2456603
2,2-Dichloropropane	U		0.00201	0.00364	1	02/23/2025 15:28	WG2456603
Di-isopropyl ether	U		0.000597	0.00145	1	02/23/2025 15:28	WG2456603
Ethylbenzene	U		0.00107	0.00364	1	02/23/2025 15:28	WG2456603
Hexachloro-1,3-butadiene	U		0.00873	0.0364	1	02/23/2025 15:28	WG2456603
Isopropylbenzene	U		0.000618	0.00364	1	02/23/2025 15:28	WG2456603
p-Isopropyltoluene	U		0.00371	0.00727	1	02/23/2025 15:28	WG2456603
2-Butanone (MEK)	U		0.0924	0.145	1	02/23/2025 15:28	WG2456603
Methylene Chloride	U		0.00966	0.0364	1	02/23/2025 15:28	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00332	0.0364	1	02/23/2025 15:28	WG2456603
Methyl tert-butyl ether	U		0.000509	0.00145	1	02/23/2025 15:28	WG2456603
Naphthalene	U		0.00710	0.0182	1	02/23/2025 15:28	WG2456603
n-Propylbenzene	U		0.00138	0.00727	1	02/23/2025 15:28	WG2456603
Styrene	U		0.000333	0.0182	1	02/23/2025 15:28	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00138	0.00364	1	02/23/2025 15:28	WG2456603
1,1,2,2-Tetrachloroethane	U		0.00101	0.00364	1	02/23/2025 15:28	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.00110	0.00364	1	02/23/2025 15:28	WG2456603
Tetrachloroethene	U		0.00130	0.00364	1	02/23/2025 15:28	WG2456603
Toluene	U		0.00189	0.00727	1	02/23/2025 15:28	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.0107	0.0182	1	02/23/2025 15:28	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00640	0.0182	1	02/23/2025 15:28	WG2456603
1,1,1-Trichloroethane	U		0.00134	0.00364	1	02/23/2025 15:28	WG2456603
1,1,2-Trichloroethane	U		0.000869	0.00364	1	02/23/2025 15:28	WG2456603
Trichloroethene	U		0.000850	0.00145	1	02/23/2025 15:28	WG2456603
Trichlorofluoromethane	U		0.00120	0.00364	1	02/23/2025 15:28	WG2456603
1,2,3-Trichloropropane	U		0.00236	0.0182	1	02/23/2025 15:28	WG2456603
1,2,4-Trimethylbenzene	U		0.00230	0.00727	1	02/23/2025 15:28	WG2456603
1,2,3-Trimethylbenzene	U		0.00230	0.00727	1	02/23/2025 15:28	WG2456603
Vinyl chloride	U	C3	0.00169	0.00364	1	02/23/2025 15:28	WG2456603
1,3,5-Trimethylbenzene	U		0.00291	0.00727	1	02/23/2025 15:28	WG2456603
Xylenes, Total	U		0.00128	0.00946	1	02/23/2025 15:28	WG2456603
(S) Toluene-d8	*96.7*			*75.0-131*		*02/23/2025 15:28*	WG2456603
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*02/23/2025 15:28*	WG2456603
(S) 1,2-Dichloroethane-d4	*88.3*			*70.0-130*		*02/23/2025 15:28*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	5.80		3.09	4.88	1	02/27/2025 21:39	WG2458775
C22-C32 Hydrocarbons	5.48		3.09	4.88	1	02/27/2025 21:39	WG2458775
C32-C40 Hydrocarbons	U		3.09	4.88	1	02/27/2025 21:39	WG2458775
(S) o-Terphenyl	*49.4*			*18.0-148*		*02/27/2025 21:39*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00658	0.0406	1	02/26/2025 23:57	WG2457415
Acenaphthylene	U		0.00572	0.0406	1	02/26/2025 23:57	WG2457415
Anthracene	U		0.00724	0.0406	1	02/26/2025 23:57	WG2457415
Benzidine	U	C3	0.0764	2.04	1	02/26/2025 23:57	WG2457415
Benzo(a)anthracene	U		0.00716	0.0406	1	02/26/2025 23:57	WG2457415
Benzo(b)fluoranthene	U		0.00758	0.0406	1	02/26/2025 23:57	WG2457415
Benzo(k)fluoranthene	U		0.00723	0.0406	1	02/26/2025 23:57	WG2457415
Benzo(g,h,i)perylene	U		0.00743	0.0406	1	02/26/2025 23:57	WG2457415
Benzo(a)pyrene	U		0.00756	0.0406	1	02/26/2025 23:57	WG2457415
Bis(2-chlorethoxy)methane	U		0.0122	0.406	1	02/26/2025 23:57	WG2457415
Bis(2-chloroethyl)ether	U		0.0134	0.406	1	02/26/2025 23:57	WG2457415
2,2-Oxybis(1-Chloropropane)	U		0.0176	0.406	1	02/26/2025 23:57	WG2457415
4-Bromophenyl-phenylether	U		0.0143	0.406	1	02/26/2025 23:57	WG2457415
2-Chloronaphthalene	U		0.00714	0.0406	1	02/26/2025 23:57	WG2457415
4-Chlorophenyl-phenylether	U		0.0142	0.406	1	02/26/2025 23:57	WG2457415
Chrysene	U		0.00808	0.0406	1	02/26/2025 23:57	WG2457415
Dibenz(a,h)anthracene	U		0.0113	0.0406	1	02/26/2025 23:57	WG2457415
3,3-Dichlorobenzidine	U		0.0150	0.406	1	02/26/2025 23:57	WG2457415
2,4-Dinitrotoluene	U		0.0117	0.406	1	02/26/2025 23:57	WG2457415
2,6-Dinitrotoluene	U		0.0133	0.406	1	02/26/2025 23:57	WG2457415
Fluoranthene	U		0.00734	0.0406	1	02/26/2025 23:57	WG2457415
Fluorene	U		0.00662	0.0406	1	02/26/2025 23:57	WG2457415
Hexachlorobenzene	U		0.0144	0.406	1	02/26/2025 23:57	WG2457415
Hexachloro-1,3-butadiene	U		0.0137	0.406	1	02/26/2025 23:57	WG2457415
Hexachlorocyclopentadiene	U		0.0214	0.406	1	02/26/2025 23:57	WG2457415
Hexachloroethane	U		0.0160	0.406	1	02/26/2025 23:57	WG2457415
Indeno(1,2,3-cd)pyrene	U		0.0115	0.0406	1	02/26/2025 23:57	WG2457415
Isophorone	U		0.0125	0.406	1	02/26/2025 23:57	WG2457415
Naphthalene	U		0.0102	0.0406	1	02/26/2025 23:57	WG2457415
Nitrobenzene	U		0.0142	0.406	1	02/26/2025 23:57	WG2457415
n-Nitrosodimethylamine	U		0.0603	0.406	1	02/26/2025 23:57	WG2457415
n-Nitrosodiphenylamine	U		0.0308	0.406	1	02/26/2025 23:57	WG2457415
n-Nitrosodi-n-propylamine	U		0.0135	0.406	1	02/26/2025 23:57	WG2457415
Phenanthrene	U		0.00807	0.0406	1	02/26/2025 23:57	WG2457415
Benzylbutyl phthalate	U		0.0127	0.406	1	02/26/2025 23:57	WG2457415
Bis(2-ethylhexyl)phthalate	U		0.0515	0.406	1	02/26/2025 23:57	WG2457415
Di-n-butyl phthalate	U		0.0139	0.406	1	02/26/2025 23:57	WG2457415
Diethyl phthalate	U		0.0134	0.406	1	02/26/2025 23:57	WG2457415
Dimethyl phthalate	U		0.0862	0.406	1	02/26/2025 23:57	WG2457415
Di-n-octyl phthalate	U		0.0275	0.406	1	02/26/2025 23:57	WG2457415
Pyrene	U		0.00791	0.0406	1	02/26/2025 23:57	WG2457415
1,2,4-Trichlorobenzene	U		0.0127	0.406	1	02/26/2025 23:57	WG2457415
4-Chloro-3-methylphenol	U		0.0132	0.406	1	02/26/2025 23:57	WG2457415
2-Chlorophenol	U		0.0134	0.406	1	02/26/2025 23:57	WG2457415
2,4-Dichlorophenol	U		0.0118	0.406	1	02/26/2025 23:57	WG2457415
2,4-Dimethylphenol	U		0.0106	0.406	1	02/26/2025 23:57	WG2457415
4,6-Dinitro-2-methylphenol	U		0.0922	0.406	1	02/26/2025 23:57	WG2457415
2,4-Dinitrophenol	U		0.0951	0.406	1	02/26/2025 23:57	WG2457415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0122	0.406	1	02/26/2025 23:57	WG2457415
3&4-Methyl Phenol	U		0.0127	0.406	1	02/26/2025 23:57	WG2457415
2-Nitrophenol	U		0.0145	0.406	1	02/26/2025 23:57	WG2457415
4-Nitrophenol	U		0.0127	0.406	1	02/26/2025 23:57	WG2457415
Pentachlorophenol	U		0.0109	0.406	1	02/26/2025 23:57	WG2457415
Pyridine	U		0.0269	0.406	1	02/26/2025 23:57	WG2457415
2,4,5-Trichlorophenol	U		0.0138	0.406	1	02/26/2025 23:57	WG2457415
2,4,6-Trichlorophenol	U		0.0131	0.406	1	02/26/2025 23:57	WG2457415
Phenol	U		0.0164	0.406	1	02/26/2025 23:57	WG2457415
(S) 2-Fluorophenol	*76.1*			*12.0-120*		*02/26/2025 23:57*	WG2457415
(S) Phenol-d5	*68.7*			*10.0-120*		*02/26/2025 23:57*	WG2457415
(S) Nitrobenzene-d5	*73.2*			*10.0-122*		*02/26/2025 23:57*	WG2457415
(S) 2-Fluorobiphenyl	*75.0*			*15.0-120*		*02/26/2025 23:57*	WG2457415
(S) 2,4,6-Tribromophenol	*81.7*			*10.0-127*		*02/26/2025 23:57*	WG2457415
(S) p-Terphenyl-d14	*75.9*			*10.0-120*		*02/26/2025 23:57*	WG2457415

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.8		1	02/22/2025 10:42	WG2456122

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0232	0.0451	1	02/23/2025 18:39	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.23	J	0.778	2.25	1	02/23/2025 09:01	WG2456234
Arsenic	13.6		0.943	2.25	1	02/23/2025 09:01	WG2456234
Barium	195		0.0958	0.563	1	02/23/2025 09:01	WG2456234
Beryllium	0.504		0.0537	0.225	1	02/23/2025 09:01	WG2456234
Cadmium	U		0.0736	0.563	1	02/23/2025 09:01	WG2456234
Chromium	19.6		0.241	1.13	1	02/23/2025 09:01	WG2456234
Cobalt	11.4		0.199	1.13	1	02/23/2025 09:01	WG2456234
Copper	17.5		0.402	2.25	1	02/23/2025 09:01	WG2456234
Lead	6.15		0.367	0.563	1	02/23/2025 09:01	WG2456234
Molybdenum	0.905		0.0192	0.563	1	02/23/2025 09:01	WG2456234
Nickel	12.9		0.225	2.25	1	02/23/2025 09:01	WG2456234
Selenium	U		1.21	2.25	1	02/23/2025 09:01	WG2456234
Silver	0.149	J	0.143	1.13	1	02/23/2025 09:01	WG2456234
Thallium	U		0.584	2.25	1	02/23/2025 09:01	WG2456234
Vanadium	69.3		0.431	2.25	1	02/23/2025 09:01	WG2456234
Zinc	55.4		1.10	5.63	1	02/23/2025 09:01	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.06	3.20	25	02/23/2025 16:38	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*77.0-120*		*02/23/2025 16:38*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0467	0.0640	1	02/23/2025 15:46	WG2456603
Acrylonitrile	U		0.00462	0.0160	1	02/23/2025 15:46	WG2456603
Benzene	U		0.000598	0.00128	1	02/23/2025 15:46	WG2456603
Bromobenzene	U		0.00115	0.0160	1	02/23/2025 15:46	WG2456603
Bromodichloromethane	U		0.000928	0.00320	1	02/23/2025 15:46	WG2456603
Bromoform	U		0.00150	0.0320	1	02/23/2025 15:46	WG2456603
Bromomethane	U	C3	0.00252	0.0160	1	02/23/2025 15:46	WG2456603
n-Butylbenzene	U		0.00672	0.0160	1	02/23/2025 15:46	WG2456603
sec-Butylbenzene	U		0.00369	0.0160	1	02/23/2025 15:46	WG2456603
tert-Butylbenzene	U		0.00250	0.00640	1	02/23/2025 15:46	WG2456603
Carbon tetrachloride	U		0.00115	0.00640	1	02/23/2025 15:46	WG2456603
Chlorobenzene	U		0.000269	0.00320	1	02/23/2025 15:46	WG2456603
Chlorodibromomethane	U		0.000784	0.00320	1	02/23/2025 15:46	WG2456603
Chloroethane	U		0.00218	0.00640	1	02/23/2025 15:46	WG2456603
Chloroform	U		0.00132	0.00320	1	02/23/2025 15:46	WG2456603
Chloromethane	U		0.00557	0.0160	1	02/23/2025 15:46	WG2456603
2-Chlorotoluene	U		0.00111	0.00320	1	02/23/2025 15:46	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000576	0.00640	1	02/23/2025 15:46	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00499	0.0320	1	02/23/2025 15:46	WG2456603
1,2-Dibromoethane	U		0.000830	0.00320	1	02/23/2025 15:46	WG2456603
Dibromomethane	U		0.000960	0.00640	1	02/23/2025 15:46	WG2456603
1,2-Dichlorobenzene	U		0.000544	0.00640	1	02/23/2025 15:46	WG2456603
1,3-Dichlorobenzene	U		0.000768	0.00640	1	02/23/2025 15:46	WG2456603
1,4-Dichlorobenzene	U		0.000896	0.00640	1	02/23/2025 15:46	WG2456603
Dichlorodifluoromethane	U	C3	0.00206	0.00640	1	02/23/2025 15:46	WG2456603
1,1-Dichloroethane	U		0.000629	0.00320	1	02/23/2025 15:46	WG2456603
1,2-Dichloroethane	U		0.000831	0.00320	1	02/23/2025 15:46	WG2456603
1,1-Dichloroethene	U		0.000776	0.00320	1	02/23/2025 15:46	WG2456603
cis-1,2-Dichloroethene	U		0.000940	0.00320	1	02/23/2025 15:46	WG2456603
trans-1,2-Dichloroethene	U		0.00133	0.00640	1	02/23/2025 15:46	WG2456603
1,2-Dichloropropane	U		0.00182	0.00640	1	02/23/2025 15:46	WG2456603
1,1-Dichloropropene	U		0.00104	0.00320	1	02/23/2025 15:46	WG2456603
1,3-Dichloropropane	U		0.000641	0.00640	1	02/23/2025 15:46	WG2456603
cis-1,3-Dichloropropene	U		0.000969	0.00320	1	02/23/2025 15:46	WG2456603
trans-1,3-Dichloropropene	U		0.00146	0.00640	1	02/23/2025 15:46	WG2456603
2,2-Dichloropropane	U		0.00177	0.00320	1	02/23/2025 15:46	WG2456603
Di-isopropyl ether	U		0.000525	0.00128	1	02/23/2025 15:46	WG2456603
Ethylbenzene	U		0.000944	0.00320	1	02/23/2025 15:46	WG2456603
Hexachloro-1,3-butadiene	U		0.00768	0.0320	1	02/23/2025 15:46	WG2456603
Isopropylbenzene	U		0.000544	0.00320	1	02/23/2025 15:46	WG2456603
p-Isopropyltoluene	U		0.00326	0.00640	1	02/23/2025 15:46	WG2456603
2-Butanone (MEK)	U		0.0813	0.128	1	02/23/2025 15:46	WG2456603
Methylene Chloride	U		0.00850	0.0320	1	02/23/2025 15:46	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00292	0.0320	1	02/23/2025 15:46	WG2456603
Methyl tert-butyl ether	U		0.000448	0.00128	1	02/23/2025 15:46	WG2456603
Naphthalene	U		0.00625	0.0160	1	02/23/2025 15:46	WG2456603
n-Propylbenzene	U		0.00122	0.00640	1	02/23/2025 15:46	WG2456603
Styrene	U		0.000293	0.0160	1	02/23/2025 15:46	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00121	0.00320	1	02/23/2025 15:46	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000890	0.00320	1	02/23/2025 15:46	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000965	0.00320	1	02/23/2025 15:46	WG2456603
Tetrachloroethene	U		0.00115	0.00320	1	02/23/2025 15:46	WG2456603
Toluene	U		0.00166	0.00640	1	02/23/2025 15:46	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00938	0.0160	1	02/23/2025 15:46	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00563	0.0160	1	02/23/2025 15:46	WG2456603
1,1,1-Trichloroethane	U		0.00118	0.00320	1	02/23/2025 15:46	WG2456603
1,1,2-Trichloroethane	U		0.000764	0.00320	1	02/23/2025 15:46	WG2456603
Trichloroethene	U		0.000748	0.00128	1	02/23/2025 15:46	WG2456603
Trichlorofluoromethane	U		0.00106	0.00320	1	02/23/2025 15:46	WG2456603
1,2,3-Trichloropropane	U		0.00207	0.0160	1	02/23/2025 15:46	WG2456603
1,2,4-Trimethylbenzene	U		0.00202	0.00640	1	02/23/2025 15:46	WG2456603
1,2,3-Trimethylbenzene	U		0.00202	0.00640	1	02/23/2025 15:46	WG2456603
Vinyl chloride	U	C3	0.00149	0.00320	1	02/23/2025 15:46	WG2456603
1,3,5-Trimethylbenzene	U		0.00256	0.00640	1	02/23/2025 15:46	WG2456603
Xylenes, Total	U		0.00113	0.00832	1	02/23/2025 15:46	WG2456603
(S) Toluene-d8	*96.6*			*75.0-131*		*02/23/2025 15:46*	WG2456603
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*02/23/2025 15:46*	WG2456603
(S) 1,2-Dichloroethane-d4	*97.4*			*70.0-130*		*02/23/2025 15:46*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.85	4.51	1	02/27/2025 21:54	WG2458775
C22-C32 Hydrocarbons	U		2.85	4.51	1	02/27/2025 21:54	WG2458775
C32-C40 Hydrocarbons	U		2.85	4.51	1	02/27/2025 21:54	WG2458775
(S) o-Terphenyl	*68.3*			*18.0-148*		*02/27/2025 21:54*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00607	0.0375	1	02/27/2025 00:22	WG2457415
Acenaphthylene	U		0.00528	0.0375	1	02/27/2025 00:22	WG2457415
Anthracene	U		0.00668	0.0375	1	02/27/2025 00:22	WG2457415
Benzidine	U	C3	0.0705	1.88	1	02/27/2025 00:22	WG2457415
Benzo(a)anthracene	U		0.00661	0.0375	1	02/27/2025 00:22	WG2457415
Benzo(b)fluoranthene	U		0.00700	0.0375	1	02/27/2025 00:22	WG2457415
Benzo(k)fluoranthene	U		0.00667	0.0375	1	02/27/2025 00:22	WG2457415
Benzo(g,h,i)perylene	U		0.00686	0.0375	1	02/27/2025 00:22	WG2457415
Benzo(a)pyrene	U		0.00697	0.0375	1	02/27/2025 00:22	WG2457415
Bis(2-chlorethoxy)methane	U		0.0113	0.375	1	02/27/2025 00:22	WG2457415
Bis(2-chloroethyl)ether	U		0.0124	0.375	1	02/27/2025 00:22	WG2457415
2,2-Oxybis(1-Chloropropane)	U		0.0162	0.375	1	02/27/2025 00:22	WG2457415
4-Bromophenyl-phenylether	U		0.0132	0.375	1	02/27/2025 00:22	WG2457415
2-Chloronaphthalene	U		0.00659	0.0375	1	02/27/2025 00:22	WG2457415
4-Chlorophenyl-phenylether	U		0.0131	0.375	1	02/27/2025 00:22	WG2457415
Chrysene	U		0.00746	0.0375	1	02/27/2025 00:22	WG2457415
Dibenz(a,h)anthracene	U		0.0104	0.0375	1	02/27/2025 00:22	WG2457415
3,3-Dichlorobenzidine	U		0.0139	0.375	1	02/27/2025 00:22	WG2457415
2,4-Dinitrotoluene	U		0.0108	0.375	1	02/27/2025 00:22	WG2457415
2,6-Dinitrotoluene	U		0.0123	0.375	1	02/27/2025 00:22	WG2457415
Fluoranthene	U		0.00677	0.0375	1	02/27/2025 00:22	WG2457415
Fluorene	U		0.00611	0.0375	1	02/27/2025 00:22	WG2457415
Hexachlorobenzene	U		0.0133	0.375	1	02/27/2025 00:22	WG2457415
Hexachloro-1,3-butadiene	U		0.0126	0.375	1	02/27/2025 00:22	WG2457415
Hexachlorocyclopentadiene	U		0.0197	0.375	1	02/27/2025 00:22	WG2457415
Hexachloroethane	U		0.0148	0.375	1	02/27/2025 00:22	WG2457415
Indeno(1,2,3-cd)pyrene	U		0.0106	0.0375	1	02/27/2025 00:22	WG2457415
Isophorone	U		0.0115	0.375	1	02/27/2025 00:22	WG2457415
Naphthalene	U		0.00942	0.0375	1	02/27/2025 00:22	WG2457415
Nitrobenzene	U		0.0131	0.375	1	02/27/2025 00:22	WG2457415
n-Nitrosodimethylamine	U		0.0557	0.375	1	02/27/2025 00:22	WG2457415
n-Nitrosodiphenylamine	U		0.0284	0.375	1	02/27/2025 00:22	WG2457415
n-Nitrosodi-n-propylamine	U		0.0125	0.375	1	02/27/2025 00:22	WG2457415
Phenanthrene	U		0.00745	0.0375	1	02/27/2025 00:22	WG2457415
Benzylbutyl phthalate	U		0.0117	0.375	1	02/27/2025 00:22	WG2457415
Bis(2-ethylhexyl)phthalate	U		0.0475	0.375	1	02/27/2025 00:22	WG2457415
Di-n-butyl phthalate	U		0.0128	0.375	1	02/27/2025 00:22	WG2457415
Diethyl phthalate	U		0.0124	0.375	1	02/27/2025 00:22	WG2457415
Dimethyl phthalate	U		0.0795	0.375	1	02/27/2025 00:22	WG2457415
Di-n-octyl phthalate	U		0.0253	0.375	1	02/27/2025 00:22	WG2457415
Pyrene	U		0.00730	0.0375	1	02/27/2025 00:22	WG2457415
1,2,4-Trichlorobenzene	U		0.0117	0.375	1	02/27/2025 00:22	WG2457415
4-Chloro-3-methylphenol	U		0.0122	0.375	1	02/27/2025 00:22	WG2457415
2-Chlorophenol	U		0.0124	0.375	1	02/27/2025 00:22	WG2457415
2,4-Dichlorophenol	U		0.0109	0.375	1	02/27/2025 00:22	WG2457415
2,4-Dimethylphenol	U		0.00980	0.375	1	02/27/2025 00:22	WG2457415
4,6-Dinitro-2-methylphenol	U		0.0851	0.375	1	02/27/2025 00:22	WG2457415
2,4-Dinitrophenol	U		0.0878	0.375	1	02/27/2025 00:22	WG2457415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0113	0.375	1	02/27/2025 00:22	WG2457415
3&4-Methyl Phenol	U		0.0117	0.375	1	02/27/2025 00:22	WG2457415
2-Nitrophenol	U		0.0134	0.375	1	02/27/2025 00:22	WG2457415
4-Nitrophenol	U		0.0117	0.375	1	02/27/2025 00:22	WG2457415
Pentachlorophenol	U		0.0101	0.375	1	02/27/2025 00:22	WG2457415
Pyridine	U		0.0248	0.375	1	02/27/2025 00:22	WG2457415
2,4,5-Trichlorophenol	U		0.0127	0.375	1	02/27/2025 00:22	WG2457415
2,4,6-Trichlorophenol	U		0.0121	0.375	1	02/27/2025 00:22	WG2457415
Phenol	U		0.0151	0.375	1	02/27/2025 00:22	WG2457415
(S) 2-Fluorophenol	*75.2*			*12.0-120*		*02/27/2025 00:22*	WG2457415
(S) Phenol-d5	*68.6*			*10.0-120*		*02/27/2025 00:22*	WG2457415
(S) Nitrobenzene-d5	*72.9*			*10.0-122*		*02/27/2025 00:22*	WG2457415
(S) 2-Fluorobiphenyl	*75.0*			*15.0-120*		*02/27/2025 00:22*	WG2457415
(S) 2,4,6-Tribromophenol	*82.8*			*10.0-127*		*02/27/2025 00:22*	WG2457415
(S) p-Terphenyl-d14	*81.4*			*10.0-120*		*02/27/2025 00:22*	WG2457415

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.8		1	02/22/2025 10:42	WG2456122

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0222	0.0431	1	02/23/2025 18:42	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.745	2.16	1	02/23/2025 09:02	WG2456234
Arsenic	2.48		0.902	2.16	1	02/23/2025 09:02	WG2456234
Barium	60.4		0.0916	0.539	1	02/23/2025 09:02	WG2456234
Beryllium	0.281		0.0514	0.216	1	02/23/2025 09:02	WG2456234
Cadmium	U		0.0704	0.539	1	02/23/2025 09:02	WG2456234
Chromium	10.7		0.231	1.08	1	02/23/2025 09:02	WG2456234
Cobalt	4.57		0.191	1.08	1	02/23/2025 09:02	WG2456234
Copper	8.07		0.385	2.16	1	02/23/2025 09:02	WG2456234
Lead	3.87		0.351	0.539	1	02/23/2025 09:02	WG2456234
Molybdenum	0.360	J	0.0183	0.539	1	02/23/2025 09:02	WG2456234
Nickel	5.70		0.216	2.16	1	02/23/2025 09:02	WG2456234
Selenium	U		1.15	2.16	1	02/23/2025 09:02	WG2456234
Silver	U		0.137	1.08	1	02/23/2025 09:02	WG2456234
Thallium	U		0.558	2.16	1	02/23/2025 09:02	WG2456234
Vanadium	25.1		0.413	2.16	1	02/23/2025 09:02	WG2456234
Zinc	23.1		1.05	5.39	1	02/23/2025 09:02	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.969	2.92	25	02/23/2025 17:00	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*		*02/23/2025 17:00*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0426	0.0584	1	02/23/2025 16:05	WG2456603
Acrylonitrile	U		0.00422	0.0146	1	02/23/2025 16:05	WG2456603
Benzene	U		0.000545	0.00117	1	02/23/2025 16:05	WG2456603
Bromobenzene	U		0.00105	0.0146	1	02/23/2025 16:05	WG2456603
Bromodichloromethane	U		0.000847	0.00292	1	02/23/2025 16:05	WG2456603
Bromoform	U		0.00137	0.0292	1	02/23/2025 16:05	WG2456603
Bromomethane	U	C3	0.00230	0.0146	1	02/23/2025 16:05	WG2456603
n-Butylbenzene	U		0.00613	0.0146	1	02/23/2025 16:05	WG2456603
sec-Butylbenzene	U		0.00336	0.0146	1	02/23/2025 16:05	WG2456603
tert-Butylbenzene	U		0.00228	0.00584	1	02/23/2025 16:05	WG2456603
Carbon tetrachloride	U		0.00105	0.00584	1	02/23/2025 16:05	WG2456603
Chlorobenzene	U		0.000245	0.00292	1	02/23/2025 16:05	WG2456603
Chlorodibromomethane	U		0.000715	0.00292	1	02/23/2025 16:05	WG2456603
Chloroethane	U		0.00199	0.00584	1	02/23/2025 16:05	WG2456603
Chloroform	U		0.00120	0.00292	1	02/23/2025 16:05	WG2456603
Chloromethane	U		0.00508	0.0146	1	02/23/2025 16:05	WG2456603
2-Chlorotoluene	U		0.00101	0.00292	1	02/23/2025 16:05	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000525	0.00584	1	02/23/2025 16:05	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00455	0.0292	1	02/23/2025 16:05	WG2456603
1,2-Dibromoethane	U		0.000757	0.00292	1	02/23/2025 16:05	WG2456603
Dibromomethane	U		0.000876	0.00584	1	02/23/2025 16:05	WG2456603
1,2-Dichlorobenzene	U		0.000496	0.00584	1	02/23/2025 16:05	WG2456603
1,3-Dichlorobenzene	U		0.000701	0.00584	1	02/23/2025 16:05	WG2456603
1,4-Dichlorobenzene	U		0.000817	0.00584	1	02/23/2025 16:05	WG2456603
Dichlorodifluoromethane	U	C3	0.00188	0.00584	1	02/23/2025 16:05	WG2456603
1,1-Dichloroethane	U		0.000573	0.00292	1	02/23/2025 16:05	WG2456603
1,2-Dichloroethane	U		0.000758	0.00292	1	02/23/2025 16:05	WG2456603
1,1-Dichloroethene	U		0.000708	0.00292	1	02/23/2025 16:05	WG2456603
cis-1,2-Dichloroethene	U		0.000857	0.00292	1	02/23/2025 16:05	WG2456603
trans-1,2-Dichloroethene	U		0.00121	0.00584	1	02/23/2025 16:05	WG2456603
1,2-Dichloropropane	U		0.00166	0.00584	1	02/23/2025 16:05	WG2456603
1,1-Dichloropropene	U		0.000945	0.00292	1	02/23/2025 16:05	WG2456603
1,3-Dichloropropane	U		0.000585	0.00584	1	02/23/2025 16:05	WG2456603
cis-1,3-Dichloropropene	U		0.000884	0.00292	1	02/23/2025 16:05	WG2456603
trans-1,3-Dichloropropene	U		0.00133	0.00584	1	02/23/2025 16:05	WG2456603
2,2-Dichloropropane	U		0.00161	0.00292	1	02/23/2025 16:05	WG2456603
Di-isopropyl ether	U		0.000479	0.00117	1	02/23/2025 16:05	WG2456603
Ethylbenzene	U		0.000861	0.00292	1	02/23/2025 16:05	WG2456603
Hexachloro-1,3-butadiene	U		0.00701	0.0292	1	02/23/2025 16:05	WG2456603
Isopropylbenzene	U		0.000496	0.00292	1	02/23/2025 16:05	WG2456603
p-Isopropyltoluene	U		0.00298	0.00584	1	02/23/2025 16:05	WG2456603
2-Butanone (MEK)	U		0.0741	0.117	1	02/23/2025 16:05	WG2456603
Methylene Chloride	U		0.00775	0.0292	1	02/23/2025 16:05	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00266	0.0292	1	02/23/2025 16:05	WG2456603
Methyl tert-butyl ether	U		0.000409	0.00117	1	02/23/2025 16:05	WG2456603
Naphthalene	U		0.00570	0.0146	1	02/23/2025 16:05	WG2456603
n-Propylbenzene	U		0.00111	0.00584	1	02/23/2025 16:05	WG2456603
Styrene	U		0.000267	0.0146	1	02/23/2025 16:05	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00111	0.00292	1	02/23/2025 16:05	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000812	0.00292	1	02/23/2025 16:05	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000880	0.00292	1	02/23/2025 16:05	WG2456603
Tetrachloroethene	U		0.00105	0.00292	1	02/23/2025 16:05	WG2456603
Toluene	U		0.00152	0.00584	1	02/23/2025 16:05	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00856	0.0146	1	02/23/2025 16:05	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00514	0.0146	1	02/23/2025 16:05	WG2456603
1,1,1-Trichloroethane	U		0.00108	0.00292	1	02/23/2025 16:05	WG2456603
1,1,2-Trichloroethane	U		0.000697	0.00292	1	02/23/2025 16:05	WG2456603
Trichloroethene	U		0.000682	0.00117	1	02/23/2025 16:05	WG2456603
Trichlorofluoromethane	U		0.000966	0.00292	1	02/23/2025 16:05	WG2456603
1,2,3-Trichloropropane	U		0.00189	0.0146	1	02/23/2025 16:05	WG2456603
1,2,4-Trimethylbenzene	U		0.00184	0.00584	1	02/23/2025 16:05	WG2456603
1,2,3-Trimethylbenzene	U		0.00184	0.00584	1	02/23/2025 16:05	WG2456603
Vinyl chloride	U	C3	0.00135	0.00292	1	02/23/2025 16:05	WG2456603
1,3,5-Trimethylbenzene	U		0.00234	0.00584	1	02/23/2025 16:05	WG2456603
Xylenes, Total	U		0.00103	0.00759	1	02/23/2025 16:05	WG2456603
(S) Toluene-d8	*97.8*			*75.0-131*		*02/23/2025 16:05*	WG2456603
(S) 4-Bromofluorobenzene	*99.0*			*67.0-138*		*02/23/2025 16:05*	WG2456603
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*02/23/2025 16:05*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.73	4.31	1	02/28/2025 09:34	WG2458775
C22-C32 Hydrocarbons	6.44		2.73	4.31	1	02/28/2025 09:34	WG2458775
C32-C40 Hydrocarbons	U		2.73	4.31	1	02/28/2025 09:34	WG2458775
(S) o-Terphenyl	*83.7*			*18.0-148*		*02/28/2025 09:34*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00581	0.0359	1	02/27/2025 00:46	WG2457415
Acenaphthylene	U		0.00505	0.0359	1	02/27/2025 00:46	WG2457415
Anthracene	U		0.00639	0.0359	1	02/27/2025 00:46	WG2457415
Benzidine	U	C3	0.0675	1.80	1	02/27/2025 00:46	WG2457415
Benzo(a)anthracene	U		0.00633	0.0359	1	02/27/2025 00:46	WG2457415
Benzo(b)fluoranthene	U		0.00669	0.0359	1	02/27/2025 00:46	WG2457415
Benzo(k)fluoranthene	U		0.00638	0.0359	1	02/27/2025 00:46	WG2457415
Benzo(g,h,i)perylene	U		0.00656	0.0359	1	02/27/2025 00:46	WG2457415
Benzo(a)pyrene	U		0.00667	0.0359	1	02/27/2025 00:46	WG2457415
Bis(2-chlorethoxy)methane	U		0.0108	0.359	1	02/27/2025 00:46	WG2457415
Bis(2-chloroethyl)ether	U		0.0119	0.359	1	02/27/2025 00:46	WG2457415
2,2-Oxybis(1-Chloropropane)	U		0.0155	0.359	1	02/27/2025 00:46	WG2457415
4-Bromophenyl-phenylether	U		0.0126	0.359	1	02/27/2025 00:46	WG2457415
2-Chloronaphthalene	U		0.00630	0.0359	1	02/27/2025 00:46	WG2457415
4-Chlorophenyl-phenylether	U		0.0125	0.359	1	02/27/2025 00:46	WG2457415
Chrysene	U		0.00713	0.0359	1	02/27/2025 00:46	WG2457415
Dibenz(a,h)anthracene	U		0.00995	0.0359	1	02/27/2025 00:46	WG2457415
3,3-Dichlorobenzidine	U		0.0133	0.359	1	02/27/2025 00:46	WG2457415
2,4-Dinitrotoluene	U		0.0103	0.359	1	02/27/2025 00:46	WG2457415
2,6-Dinitrotoluene	U		0.0117	0.359	1	02/27/2025 00:46	WG2457415
Fluoranthene	U		0.00648	0.0359	1	02/27/2025 00:46	WG2457415
Fluorene	U		0.00584	0.0359	1	02/27/2025 00:46	WG2457415
Hexachlorobenzene	U		0.0127	0.359	1	02/27/2025 00:46	WG2457415
Hexachloro-1,3-butadiene	U		0.0121	0.359	1	02/27/2025 00:46	WG2457415
Hexachlorocyclopentadiene	U		0.0189	0.359	1	02/27/2025 00:46	WG2457415
Hexachloroethane	U		0.0141	0.359	1	02/27/2025 00:46	WG2457415
Indeno(1,2,3-cd)pyrene	U		0.0101	0.0359	1	02/27/2025 00:46	WG2457415
Isophorone	U		0.0110	0.359	1	02/27/2025 00:46	WG2457415
Naphthalene	U		0.00901	0.0359	1	02/27/2025 00:46	WG2457415
Nitrobenzene	U		0.0125	0.359	1	02/27/2025 00:46	WG2457415
n-Nitrosodimethylamine	U		0.0532	0.359	1	02/27/2025 00:46	WG2457415
n-Nitrosodiphenylamine	U		0.0272	0.359	1	02/27/2025 00:46	WG2457415
n-Nitrosodi-n-propylamine	U		0.0120	0.359	1	02/27/2025 00:46	WG2457415
Phenanthrene	U		0.00712	0.0359	1	02/27/2025 00:46	WG2457415
Benzylbutyl phthalate	U		0.0112	0.359	1	02/27/2025 00:46	WG2457415
Bis(2-ethylhexyl)phthalate	U		0.0455	0.359	1	02/27/2025 00:46	WG2457415
Di-n-butyl phthalate	U		0.0123	0.359	1	02/27/2025 00:46	WG2457415
Diethyl phthalate	U		0.0119	0.359	1	02/27/2025 00:46	WG2457415
Dimethyl phthalate	U		0.0761	0.359	1	02/27/2025 00:46	WG2457415
Di-n-octyl phthalate	U		0.0242	0.359	1	02/27/2025 00:46	WG2457415
Pyrene	U		0.00698	0.0359	1	02/27/2025 00:46	WG2457415
1,2,4-Trichlorobenzene	U		0.0112	0.359	1	02/27/2025 00:46	WG2457415
4-Chloro-3-methylphenol	U		0.0116	0.359	1	02/27/2025 00:46	WG2457415
2-Chlorophenol	U		0.0119	0.359	1	02/27/2025 00:46	WG2457415
2,4-Dichlorophenol	U		0.0105	0.359	1	02/27/2025 00:46	WG2457415
2,4-Dimethylphenol	U		0.00937	0.359	1	02/27/2025 00:46	WG2457415
4,6-Dinitro-2-methylphenol	U		0.0814	0.359	1	02/27/2025 00:46	WG2457415
2,4-Dinitrophenol	U		0.0839	0.359	1	02/27/2025 00:46	WG2457415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0108	0.359	1	02/27/2025 00:46	WG2457415
3&4-Methyl Phenol	U		0.0112	0.359	1	02/27/2025 00:46	WG2457415
2-Nitrophenol	U		0.0128	0.359	1	02/27/2025 00:46	WG2457415
4-Nitrophenol	U		0.0112	0.359	1	02/27/2025 00:46	WG2457415
Pentachlorophenol	U		0.00965	0.359	1	02/27/2025 00:46	WG2457415
Pyridine	U		0.0237	0.359	1	02/27/2025 00:46	WG2457415
2,4,5-Trichlorophenol	U		0.0122	0.359	1	02/27/2025 00:46	WG2457415
2,4,6-Trichlorophenol	U		0.0115	0.359	1	02/27/2025 00:46	WG2457415
Phenol	U		0.0144	0.359	1	02/27/2025 00:46	WG2457415
(S) 2-Fluorophenol	*77.8*			*12.0-120*		*02/27/2025 00:46*	WG2457415
(S) Phenol-d5	*70.6*			*10.0-120*		*02/27/2025 00:46*	WG2457415
(S) Nitrobenzene-d5	*72.6*			*10.0-122*		*02/27/2025 00:46*	WG2457415
(S) 2-Fluorobiphenyl	*76.0*			*15.0-120*		*02/27/2025 00:46*	WG2457415
(S) 2,4,6-Tribromophenol	*76.6*			*10.0-127*		*02/27/2025 00:46*	WG2457415
(S) p-Terphenyl-d14	*80.0*			*10.0-120*		*02/27/2025 00:46*	WG2457415

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.7		1	02/22/2025 10:42	WG2456122

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0227	0.0441	1	02/23/2025 18:45	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	0.923	J	0.762	2.21	1	02/23/2025 09:04	WG2456234
Arsenic	2.57		0.923	2.21	1	02/23/2025 09:04	WG2456234
Barium	55.2		0.0937	0.551	1	02/23/2025 09:04	WG2456234
Beryllium	0.451		0.0526	0.221	1	02/23/2025 09:04	WG2456234
Cadmium	0.100	J	0.0720	0.551	1	02/23/2025 09:04	WG2456234
Chromium	15.2		0.236	1.10	1	02/23/2025 09:04	WG2456234
Cobalt	6.59		0.195	1.10	1	02/23/2025 09:04	WG2456234
Copper	14.3		0.394	2.21	1	02/23/2025 09:04	WG2456234
Lead	7.92		0.359	0.551	1	02/23/2025 09:04	WG2456234
Molybdenum	0.515	J	0.0187	0.551	1	02/23/2025 09:04	WG2456234
Nickel	9.02		0.221	2.21	1	02/23/2025 09:04	WG2456234
Selenium	U		1.18	2.21	1	02/23/2025 09:04	WG2456234
Silver	0.175	J	0.140	1.10	1	02/23/2025 09:04	WG2456234
Thallium	U		0.571	2.21	1	02/23/2025 09:04	WG2456234
Vanadium	37.0		0.422	2.21	1	02/23/2025 09:04	WG2456234
Zinc	33.1		1.07	5.51	1	02/23/2025 09:04	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.01	3.05	25	02/23/2025 17:23	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*		*02/23/2025 17:23*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0445	0.0610	1	02/23/2025 16:24	WG2456603
Acrylonitrile	U		0.00441	0.0153	1	02/23/2025 16:24	WG2456603
Benzene	U		0.000570	0.00122	1	02/23/2025 16:24	WG2456603
Bromobenzene	U		0.00110	0.0153	1	02/23/2025 16:24	WG2456603
Bromodichloromethane	U		0.000885	0.00305	1	02/23/2025 16:24	WG2456603
Bromoform	U		0.00143	0.0305	1	02/23/2025 16:24	WG2456603
Bromomethane	U	C3	0.00240	0.0153	1	02/23/2025 16:24	WG2456603
n-Butylbenzene	U		0.00641	0.0153	1	02/23/2025 16:24	WG2456603
sec-Butylbenzene	U		0.00352	0.0153	1	02/23/2025 16:24	WG2456603
tert-Butylbenzene	U		0.00238	0.00610	1	02/23/2025 16:24	WG2456603
Carbon tetrachloride	U		0.00110	0.00610	1	02/23/2025 16:24	WG2456603
Chlorobenzene	U		0.000256	0.00305	1	02/23/2025 16:24	WG2456603
Chlorodibromomethane	U		0.000747	0.00305	1	02/23/2025 16:24	WG2456603
Chloroethane	U		0.00207	0.00610	1	02/23/2025 16:24	WG2456603
Chloroform	U		0.00126	0.00305	1	02/23/2025 16:24	WG2456603
Chloromethane	U		0.00531	0.0153	1	02/23/2025 16:24	WG2456603
2-Chlorotoluene	U		0.00106	0.00305	1	02/23/2025 16:24	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000549	0.00610	1	02/23/2025 16:24	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00476	0.0305	1	02/23/2025 16:24	WG2456603
1,2-Dibromoethane	U		0.000791	0.00305	1	02/23/2025 16:24	WG2456603
Dibromomethane	U		0.000915	0.00610	1	02/23/2025 16:24	WG2456603
1,2-Dichlorobenzene	U		0.000519	0.00610	1	02/23/2025 16:24	WG2456603
1,3-Dichlorobenzene	U		0.000732	0.00610	1	02/23/2025 16:24	WG2456603
1,4-Dichlorobenzene	U		0.000854	0.00610	1	02/23/2025 16:24	WG2456603
Dichlorodifluoromethane	U	C3	0.00197	0.00610	1	02/23/2025 16:24	WG2456603
1,1-Dichloroethane	U		0.000599	0.00305	1	02/23/2025 16:24	WG2456603
1,2-Dichloroethane	U		0.000792	0.00305	1	02/23/2025 16:24	WG2456603
1,1-Dichloroethene	U		0.000740	0.00305	1	02/23/2025 16:24	WG2456603
cis-1,2-Dichloroethene	U		0.000896	0.00305	1	02/23/2025 16:24	WG2456603
trans-1,2-Dichloroethene	U		0.00127	0.00610	1	02/23/2025 16:24	WG2456603
1,2-Dichloropropane	U		0.00173	0.00610	1	02/23/2025 16:24	WG2456603
1,1-Dichloropropene	U		0.000987	0.00305	1	02/23/2025 16:24	WG2456603
1,3-Dichloropropane	U		0.000611	0.00610	1	02/23/2025 16:24	WG2456603
cis-1,3-Dichloropropene	U		0.000924	0.00305	1	02/23/2025 16:24	WG2456603
trans-1,3-Dichloropropene	U		0.00139	0.00610	1	02/23/2025 16:24	WG2456603
2,2-Dichloropropane	U		0.00168	0.00305	1	02/23/2025 16:24	WG2456603
Di-isopropyl ether	U		0.000500	0.00122	1	02/23/2025 16:24	WG2456603
Ethylbenzene	U		0.000900	0.00305	1	02/23/2025 16:24	WG2456603
Hexachloro-1,3-butadiene	U		0.00732	0.0305	1	02/23/2025 16:24	WG2456603
Isopropylbenzene	U		0.000519	0.00305	1	02/23/2025 16:24	WG2456603
p-Isopropyltoluene	U		0.00311	0.00610	1	02/23/2025 16:24	WG2456603
2-Butanone (MEK)	U		0.0775	0.122	1	02/23/2025 16:24	WG2456603
Methylene Chloride	U		0.00810	0.0305	1	02/23/2025 16:24	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00278	0.0305	1	02/23/2025 16:24	WG2456603
Methyl tert-butyl ether	U		0.000427	0.00122	1	02/23/2025 16:24	WG2456603
Naphthalene	U		0.00596	0.0153	1	02/23/2025 16:24	WG2456603
n-Propylbenzene	U		0.00116	0.00610	1	02/23/2025 16:24	WG2456603
Styrene	U		0.000279	0.0153	1	02/23/2025 16:24	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00116	0.00305	1	02/23/2025 16:24	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000848	0.00305	1	02/23/2025 16:24	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000920	0.00305	1	02/23/2025 16:24	WG2456603
Tetrachloroethene	U		0.00109	0.00305	1	02/23/2025 16:24	WG2456603
Toluene	U		0.00159	0.00610	1	02/23/2025 16:24	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00895	0.0153	1	02/23/2025 16:24	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00537	0.0153	1	02/23/2025 16:24	WG2456603
1,1,1-Trichloroethane	U		0.00113	0.00305	1	02/23/2025 16:24	WG2456603
1,1,2-Trichloroethane	U		0.000729	0.00305	1	02/23/2025 16:24	WG2456603
Trichloroethene	U		0.000713	0.00122	1	02/23/2025 16:24	WG2456603
Trichlorofluoromethane	U		0.00101	0.00305	1	02/23/2025 16:24	WG2456603
1,2,3-Trichloropropane	U		0.00198	0.0153	1	02/23/2025 16:24	WG2456603
1,2,4-Trimethylbenzene	U		0.00193	0.00610	1	02/23/2025 16:24	WG2456603
1,2,3-Trimethylbenzene	U		0.00193	0.00610	1	02/23/2025 16:24	WG2456603
Vinyl chloride	U	C3	0.00142	0.00305	1	02/23/2025 16:24	WG2456603
1,3,5-Trimethylbenzene	U		0.00244	0.00610	1	02/23/2025 16:24	WG2456603
Xylenes, Total	U		0.00107	0.00793	1	02/23/2025 16:24	WG2456603
(S) Toluene-d8	*98.6*			*75.0-131*		*02/23/2025 16:24*	WG2456603
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*		*02/23/2025 16:24*	WG2456603
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*02/23/2025 16:24*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	7.75		2.79	4.41	1	02/28/2025 09:48	WG2458775
C22-C32 Hydrocarbons	23.9		2.79	4.41	1	02/28/2025 09:48	WG2458775
C32-C40 Hydrocarbons	11.6		2.79	4.41	1	02/28/2025 09:48	WG2458775
(S) o-Terphenyl	*73.1*			*18.0-148*		*02/28/2025 09:48*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00594	0.0367	1	02/27/2025 01:34	WG2457415
Acenaphthylene	U		0.00517	0.0367	1	02/27/2025 01:34	WG2457415
Anthracene	U		0.00654	0.0367	1	02/27/2025 01:34	WG2457415
Benzidine	U	C3	0.0690	1.84	1	02/27/2025 01:34	WG2457415
Benzo(a)anthracene	U		0.00647	0.0367	1	02/27/2025 01:34	WG2457415
Benzo(b)fluoranthene	U		0.00685	0.0367	1	02/27/2025 01:34	WG2457415
Benzo(k)fluoranthene	U		0.00653	0.0367	1	02/27/2025 01:34	WG2457415
Benzo(g,h,i)perylene	U		0.00672	0.0367	1	02/27/2025 01:34	WG2457415
Benzo(a)pyrene	U		0.00683	0.0367	1	02/27/2025 01:34	WG2457415
Bis(2-chlorethoxy)methane	U		0.0110	0.367	1	02/27/2025 01:34	WG2457415
Bis(2-chloroethyl)ether	U		0.0121	0.367	1	02/27/2025 01:34	WG2457415
2,2-Oxybis(1-Chloropropane)	U		0.0159	0.367	1	02/27/2025 01:34	WG2457415
4-Bromophenyl-phenylether	U		0.0129	0.367	1	02/27/2025 01:34	WG2457415
2-Chloronaphthalene	U		0.00645	0.0367	1	02/27/2025 01:34	WG2457415
4-Chlorophenyl-phenylether	U		0.0128	0.367	1	02/27/2025 01:34	WG2457415
Chrysene	U		0.00730	0.0367	1	02/27/2025 01:34	WG2457415
Dibenz(a,h)anthracene	U		0.0102	0.0367	1	02/27/2025 01:34	WG2457415
3,3-Dichlorobenzidine	U		0.0136	0.367	1	02/27/2025 01:34	WG2457415
2,4-Dinitrotoluene	U		0.0105	0.367	1	02/27/2025 01:34	WG2457415
2,6-Dinitrotoluene	U		0.0120	0.367	1	02/27/2025 01:34	WG2457415
Fluoranthene	U		0.00663	0.0367	1	02/27/2025 01:34	WG2457415
Fluorene	U		0.00598	0.0367	1	02/27/2025 01:34	WG2457415
Hexachlorobenzene	U		0.0130	0.367	1	02/27/2025 01:34	WG2457415
Hexachloro-1,3-butadiene	U		0.0123	0.367	1	02/27/2025 01:34	WG2457415
Hexachlorocyclopentadiene	U		0.0193	0.367	1	02/27/2025 01:34	WG2457415
Hexachloroethane	U		0.0144	0.367	1	02/27/2025 01:34	WG2457415
Indeno(1,2,3-cd)pyrene	U		0.0104	0.0367	1	02/27/2025 01:34	WG2457415
Isophorone	U		0.0112	0.367	1	02/27/2025 01:34	WG2457415
Naphthalene	U		0.00922	0.0367	1	02/27/2025 01:34	WG2457415
Nitrobenzene	U		0.0128	0.367	1	02/27/2025 01:34	WG2457415
n-Nitrosodimethylamine	U	J3	0.0545	0.367	1	02/27/2025 01:34	WG2457415
n-Nitrosodiphenylamine	U		0.0278	0.367	1	02/27/2025 01:34	WG2457415
n-Nitrosodi-n-propylamine	U		0.0122	0.367	1	02/27/2025 01:34	WG2457415
Phenanthrene	U		0.00729	0.0367	1	02/27/2025 01:34	WG2457415
Benzylbutyl phthalate	U		0.0115	0.367	1	02/27/2025 01:34	WG2457415
Bis(2-ethylhexyl)phthalate	U		0.0465	0.367	1	02/27/2025 01:34	WG2457415
Di-n-butyl phthalate	U		0.0126	0.367	1	02/27/2025 01:34	WG2457415
Diethyl phthalate	U		0.0121	0.367	1	02/27/2025 01:34	WG2457415
Dimethyl phthalate	U		0.0778	0.367	1	02/27/2025 01:34	WG2457415
Di-n-octyl phthalate	U		0.0248	0.367	1	02/27/2025 01:34	WG2457415
Pyrene	U		0.00715	0.0367	1	02/27/2025 01:34	WG2457415
1,2,4-Trichlorobenzene	U		0.0115	0.367	1	02/27/2025 01:34	WG2457415
4-Chloro-3-methylphenol	U		0.0119	0.367	1	02/27/2025 01:34	WG2457415
2-Chlorophenol	U		0.0121	0.367	1	02/27/2025 01:34	WG2457415
2,4-Dichlorophenol	U		0.0107	0.367	1	02/27/2025 01:34	WG2457415
2,4-Dimethylphenol	U		0.00959	0.367	1	02/27/2025 01:34	WG2457415
4,6-Dinitro-2-methylphenol	U		0.0833	0.367	1	02/27/2025 01:34	WG2457415
2,4-Dinitrophenol	U		0.0859	0.367	1	02/27/2025 01:34	WG2457415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0110	0.367	1	02/27/2025 01:34	WG2457415
3&4-Methyl Phenol	U		0.0115	0.367	1	02/27/2025 01:34	WG2457415
2-Nitrophenol	U		0.0131	0.367	1	02/27/2025 01:34	WG2457415
4-Nitrophenol	U		0.0115	0.367	1	02/27/2025 01:34	WG2457415
Pentachlorophenol	U	J3	0.00988	0.367	1	02/27/2025 01:34	WG2457415
Pyridine	U		0.0243	0.367	1	02/27/2025 01:34	WG2457415
2,4,5-Trichlorophenol	U		0.0125	0.367	1	02/27/2025 01:34	WG2457415
2,4,6-Trichlorophenol	U		0.0118	0.367	1	02/27/2025 01:34	WG2457415
Phenol	U		0.0148	0.367	1	02/27/2025 01:34	WG2457415
(S) 2-Fluorophenol	*83.1*			*12.0-120*		*02/27/2025 01:34*	WG2457415
(S) Phenol-d5	*77.4*			*10.0-120*		*02/27/2025 01:34*	WG2457415
(S) Nitrobenzene-d5	*79.5*			*10.0-122*		*02/27/2025 01:34*	WG2457415
(S) 2-Fluorobiphenyl	*84.5*			*15.0-120*		*02/27/2025 01:34*	WG2457415
(S) 2,4,6-Tribromophenol	*85.3*			*10.0-127*		*02/27/2025 01:34*	WG2457415
(S) p-Terphenyl-d14	*83.9*			*10.0-120*		*02/27/2025 01:34*	WG2457415

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.7		1	02/22/2025 10:42	WG2456122

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0211	0.0410	1	02/23/2025 18:47	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	0.902	J	0.707	2.05	1	02/23/2025 09:06	WG2456234
Arsenic	2.45		0.857	2.05	1	02/23/2025 09:06	WG2456234
Barium	57.8		0.0870	0.512	1	02/23/2025 09:06	WG2456234
Beryllium	0.198	J	0.0488	0.205	1	02/23/2025 09:06	WG2456234
Cadmium	U		0.0669	0.512	1	02/23/2025 09:06	WG2456234
Chromium	10.7		0.219	1.02	1	02/23/2025 09:06	WG2456234
Cobalt	4.39		0.181	1.02	1	02/23/2025 09:06	WG2456234
Copper	6.99		0.366	2.05	1	02/23/2025 09:06	WG2456234
Lead	3.38		0.334	0.512	1	02/23/2025 09:06	WG2456234
Molybdenum	0.578		0.0174	0.512	1	02/23/2025 09:06	WG2456234
Nickel	5.25		0.205	2.05	1	02/23/2025 09:06	WG2456234
Selenium	U		1.10	2.05	1	02/23/2025 09:06	WG2456234
Silver	U		0.130	1.02	1	02/23/2025 09:06	WG2456234
Thallium	U		0.530	2.05	1	02/23/2025 09:06	WG2456234
Vanadium	25.2		0.392	2.05	1	02/23/2025 09:06	WG2456234
Zinc	23.1		0.997	5.12	1	02/23/2025 09:06	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.872	2.63	25	02/23/2025 17:45	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*77.0-120*		*02/23/2025 17:45*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0383	0.0525	1	02/23/2025 16:44	WG2456603
Acrylonitrile	U		0.00379	0.0131	1	02/23/2025 16:44	WG2456603
Benzene	U		0.000491	0.00105	1	02/23/2025 16:44	WG2456603
Bromobenzene	U		0.000945	0.0131	1	02/23/2025 16:44	WG2456603
Bromodichloromethane	U		0.000762	0.00263	1	02/23/2025 16:44	WG2456603
Bromoform	U		0.00123	0.0263	1	02/23/2025 16:44	WG2456603
Bromomethane	U	C3	0.00207	0.0131	1	02/23/2025 16:44	WG2456603
n-Butylbenzene	U		0.00551	0.0131	1	02/23/2025 16:44	WG2456603
sec-Butylbenzene	U		0.00302	0.0131	1	02/23/2025 16:44	WG2456603
tert-Butylbenzene	U		0.00205	0.00525	1	02/23/2025 16:44	WG2456603
Carbon tetrachloride	U		0.000943	0.00525	1	02/23/2025 16:44	WG2456603
Chlorobenzene	U		0.000221	0.00263	1	02/23/2025 16:44	WG2456603
Chlorodibromomethane	U		0.000643	0.00263	1	02/23/2025 16:44	WG2456603
Chloroethane	U		0.00179	0.00525	1	02/23/2025 16:44	WG2456603
Chloroform	U		0.00108	0.00263	1	02/23/2025 16:44	WG2456603
Chloromethane	U		0.00457	0.0131	1	02/23/2025 16:44	WG2456603
2-Chlorotoluene	U		0.000909	0.00263	1	02/23/2025 16:44	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000473	0.00525	1	02/23/2025 16:44	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00410	0.0263	1	02/23/2025 16:44	WG2456603
1,2-Dibromoethane	U		0.000681	0.00263	1	02/23/2025 16:44	WG2456603
Dibromomethane	U		0.000788	0.00525	1	02/23/2025 16:44	WG2456603
1,2-Dichlorobenzene	U		0.000446	0.00525	1	02/23/2025 16:44	WG2456603
1,3-Dichlorobenzene	U		0.000630	0.00525	1	02/23/2025 16:44	WG2456603
1,4-Dichlorobenzene	U		0.000735	0.00525	1	02/23/2025 16:44	WG2456603
Dichlorodifluoromethane	U	C3	0.00169	0.00525	1	02/23/2025 16:44	WG2456603
1,1-Dichloroethane	U		0.000516	0.00263	1	02/23/2025 16:44	WG2456603
1,2-Dichloroethane	U		0.000682	0.00263	1	02/23/2025 16:44	WG2456603
1,1-Dichloroethene	U		0.000637	0.00263	1	02/23/2025 16:44	WG2456603
cis-1,2-Dichloroethene	U		0.000771	0.00263	1	02/23/2025 16:44	WG2456603
trans-1,2-Dichloroethene	U		0.00109	0.00525	1	02/23/2025 16:44	WG2456603
1,2-Dichloropropane	U		0.00149	0.00525	1	02/23/2025 16:44	WG2456603
1,1-Dichloropropene	U		0.000850	0.00263	1	02/23/2025 16:44	WG2456603
1,3-Dichloropropane	U		0.000526	0.00525	1	02/23/2025 16:44	WG2456603
cis-1,3-Dichloropropene	U		0.000795	0.00263	1	02/23/2025 16:44	WG2456603
trans-1,3-Dichloropropene	U		0.00120	0.00525	1	02/23/2025 16:44	WG2456603
2,2-Dichloropropane	U		0.00145	0.00263	1	02/23/2025 16:44	WG2456603
Di-isopropyl ether	U		0.000431	0.00105	1	02/23/2025 16:44	WG2456603
Ethylbenzene	U		0.000774	0.00263	1	02/23/2025 16:44	WG2456603
Hexachloro-1,3-butadiene	U		0.00630	0.0263	1	02/23/2025 16:44	WG2456603
Isopropylbenzene	U		0.000446	0.00263	1	02/23/2025 16:44	WG2456603
p-Isopropyltoluene	U		0.00268	0.00525	1	02/23/2025 16:44	WG2456603
2-Butanone (MEK)	U		0.0667	0.105	1	02/23/2025 16:44	WG2456603
Methylene Chloride	U		0.00697	0.0263	1	02/23/2025 16:44	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00239	0.0263	1	02/23/2025 16:44	WG2456603
Methyl tert-butyl ether	U		0.000368	0.00105	1	02/23/2025 16:44	WG2456603
Naphthalene	U		0.00513	0.0131	1	02/23/2025 16:44	WG2456603
n-Propylbenzene	U		0.000998	0.00525	1	02/23/2025 16:44	WG2456603
Styrene	U		0.000241	0.0131	1	02/23/2025 16:44	WG2456603
1,1,1,2-Tetrachloroethane	U		0.000996	0.00263	1	02/23/2025 16:44	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000730	0.00263	1	02/23/2025 16:44	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000792	0.00263	1	02/23/2025 16:44	WG2456603
Tetrachloroethene	U		0.000941	0.00263	1	02/23/2025 16:44	WG2456603
Toluene	U		0.00137	0.00525	1	02/23/2025 16:44	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00770	0.0131	1	02/23/2025 16:44	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00462	0.0131	1	02/23/2025 16:44	WG2456603
1,1,1-Trichloroethane	U		0.000969	0.00263	1	02/23/2025 16:44	WG2456603
1,1,2-Trichloroethane	U		0.000627	0.00263	1	02/23/2025 16:44	WG2456603
Trichloroethene	U		0.000613	0.00105	1	02/23/2025 16:44	WG2456603
Trichlorofluoromethane	U		0.000869	0.00263	1	02/23/2025 16:44	WG2456603
1,2,3-Trichloropropane	U		0.00170	0.0131	1	02/23/2025 16:44	WG2456603
1,2,4-Trimethylbenzene	U		0.00166	0.00525	1	02/23/2025 16:44	WG2456603
1,2,3-Trimethylbenzene	U		0.00166	0.00525	1	02/23/2025 16:44	WG2456603
Vinyl chloride	U	C3	0.00122	0.00263	1	02/23/2025 16:44	WG2456603
1,3,5-Trimethylbenzene	U		0.00210	0.00525	1	02/23/2025 16:44	WG2456603
Xylenes, Total	0.00135	J	0.000924	0.00683	1	02/23/2025 16:44	WG2456603
(S) Toluene-d8	*96.0*			*75.0-131*		*02/23/2025 16:44*	WG2456603
(S) 4-Bromofluorobenzene	*96.0*			*67.0-138*		*02/23/2025 16:44*	WG2456603
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*02/23/2025 16:44*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	7.87		2.59	4.10	1	02/28/2025 10:17	WG2458775
C22-C32 Hydrocarbons	76.2		2.59	4.10	1	02/28/2025 10:17	WG2458775
C32-C40 Hydrocarbons	23.5		2.59	4.10	1	02/28/2025 10:17	WG2458775
(S) o-Terphenyl	*69.2*			*18.0-148*		*02/28/2025 10:17*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00552	0.0341	1	02/27/2025 03:33	WG2457415
Acenaphthylene	U		0.00480	0.0341	1	02/27/2025 03:33	WG2457415
Anthracene	U		0.00607	0.0341	1	02/27/2025 03:33	WG2457415
Benzidine	U	C3	0.0641	1.71	1	02/27/2025 03:33	WG2457415
Benzo(a)anthracene	U		0.00601	0.0341	1	02/27/2025 03:33	WG2457415
Benzo(b)fluoranthene	U		0.00636	0.0341	1	02/27/2025 03:33	WG2457415
Benzo(k)fluoranthene	U		0.00606	0.0341	1	02/27/2025 03:33	WG2457415
Benzo(g,h,i)perylene	U		0.00624	0.0341	1	02/27/2025 03:33	WG2457415
Benzo(a)pyrene	U		0.00634	0.0341	1	02/27/2025 03:33	WG2457415
Bis(2-chlorethoxy)methane	U		0.0102	0.341	1	02/27/2025 03:33	WG2457415
Bis(2-chloroethyl)ether	U		0.0113	0.341	1	02/27/2025 03:33	WG2457415
2,2-Oxybis(1-Chloropropane)	U		0.0147	0.341	1	02/27/2025 03:33	WG2457415
4-Bromophenyl-phenylether	U		0.0120	0.341	1	02/27/2025 03:33	WG2457415
2-Chloronaphthalene	U		0.00599	0.0341	1	02/27/2025 03:33	WG2457415
4-Chlorophenyl-phenylether	U		0.0119	0.341	1	02/27/2025 03:33	WG2457415
Chrysene	U		0.00678	0.0341	1	02/27/2025 03:33	WG2457415
Dibenz(a,h)anthracene	U		0.00945	0.0341	1	02/27/2025 03:33	WG2457415
3,3-Dichlorobenzidine	U		0.0126	0.341	1	02/27/2025 03:33	WG2457415
2,4-Dinitrotoluene	U		0.00978	0.341	1	02/27/2025 03:33	WG2457415
2,6-Dinitrotoluene	U		0.0112	0.341	1	02/27/2025 03:33	WG2457415
Fluoranthene	U		0.00615	0.0341	1	02/27/2025 03:33	WG2457415
Fluorene	U		0.00555	0.0341	1	02/27/2025 03:33	WG2457415
Hexachlorobenzene	U		0.0121	0.341	1	02/27/2025 03:33	WG2457415
Hexachloro-1,3-butadiene	U		0.0115	0.341	1	02/27/2025 03:33	WG2457415
Hexachlorocyclopentadiene	U		0.0179	0.341	1	02/27/2025 03:33	WG2457415
Hexachloroethane	U		0.0134	0.341	1	02/27/2025 03:33	WG2457415
Indeno(1,2,3-cd)pyrene	U		0.00963	0.0341	1	02/27/2025 03:33	WG2457415
Isophorone	U		0.0104	0.341	1	02/27/2025 03:33	WG2457415
Naphthalene	U		0.00856	0.0341	1	02/27/2025 03:33	WG2457415
Nitrobenzene	U		0.0119	0.341	1	02/27/2025 03:33	WG2457415
n-Nitrosodimethylamine	U		0.0506	0.341	1	02/27/2025 03:33	WG2457415
n-Nitrosodiphenylamine	U		0.0258	0.341	1	02/27/2025 03:33	WG2457415
n-Nitrosodi-n-propylamine	U		0.0114	0.341	1	02/27/2025 03:33	WG2457415
Phenanthrene	U		0.00677	0.0341	1	02/27/2025 03:33	WG2457415
Benzylbutyl phthalate	U		0.0106	0.341	1	02/27/2025 03:33	WG2457415
Bis(2-ethylhexyl)phthalate	U		0.0432	0.341	1	02/27/2025 03:33	WG2457415
Di-n-butyl phthalate	U		0.0117	0.341	1	02/27/2025 03:33	WG2457415
Diethyl phthalate	U		0.0113	0.341	1	02/27/2025 03:33	WG2457415
Dimethyl phthalate	U		0.0723	0.341	1	02/27/2025 03:33	WG2457415
Di-n-octyl phthalate	U		0.0230	0.341	1	02/27/2025 03:33	WG2457415
Pyrene	U		0.00663	0.0341	1	02/27/2025 03:33	WG2457415
1,2,4-Trichlorobenzene	U		0.0106	0.341	1	02/27/2025 03:33	WG2457415
4-Chloro-3-methylphenol	U		0.0111	0.341	1	02/27/2025 03:33	WG2457415
2-Chlorophenol	U		0.0113	0.341	1	02/27/2025 03:33	WG2457415
2,4-Dichlorophenol	U		0.00993	0.341	1	02/27/2025 03:33	WG2457415
2,4-Dimethylphenol	U		0.00891	0.341	1	02/27/2025 03:33	WG2457415
4,6-Dinitro-2-methylphenol	U		0.0773	0.341	1	02/27/2025 03:33	WG2457415
2,4-Dinitrophenol	U		0.0798	0.341	1	02/27/2025 03:33	WG2457415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0102	0.341	1	02/27/2025 03:33	WG2457415
3&4-Methyl Phenol	U		0.0106	0.341	1	02/27/2025 03:33	WG2457415
2-Nitrophenol	U		0.0122	0.341	1	02/27/2025 03:33	WG2457415
4-Nitrophenol	U		0.0106	0.341	1	02/27/2025 03:33	WG2457415
Pentachlorophenol	U		0.00917	0.341	1	02/27/2025 03:33	WG2457415
Pyridine	U		0.0225	0.341	1	02/27/2025 03:33	WG2457415
2,4,5-Trichlorophenol	U		0.0116	0.341	1	02/27/2025 03:33	WG2457415
2,4,6-Trichlorophenol	U		0.0110	0.341	1	02/27/2025 03:33	WG2457415
Phenol	U		0.0137	0.341	1	02/27/2025 03:33	WG2457415
(S) 2-Fluorophenol	*73.8*			*12.0-120*		*02/27/2025 03:33*	WG2457415
(S) Phenol-d5	*70.1*			*10.0-120*		*02/27/2025 03:33*	WG2457415
(S) Nitrobenzene-d5	*71.3*			*10.0-122*		*02/27/2025 03:33*	WG2457415
(S) 2-Fluorobiphenyl	*78.4*			*15.0-120*		*02/27/2025 03:33*	WG2457415
(S) 2,4,6-Tribromophenol	*56.0*			*10.0-127*		*02/27/2025 03:33*	WG2457415
(S) p-Terphenyl-d14	*79.6*			*10.0-120*		*02/27/2025 03:33*	WG2457415

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.5		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0225	0.0437	1	02/23/2025 18:50	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.755	2.19	1	02/23/2025 09:07	WG2456234
Arsenic	1.67	J	0.915	2.19	1	02/23/2025 09:07	WG2456234
Barium	58.5		0.0929	0.546	1	02/23/2025 09:07	WG2456234
Beryllium	0.362		0.0521	0.219	1	02/23/2025 09:07	WG2456234
Cadmium	U		0.0714	0.546	1	02/23/2025 09:07	WG2456234
Chromium	11.7		0.234	1.09	1	02/23/2025 09:07	WG2456234
Cobalt	6.12		0.193	1.09	1	02/23/2025 09:07	WG2456234
Copper	8.60		0.390	2.19	1	02/23/2025 09:07	WG2456234
Lead	4.46		0.356	0.546	1	02/23/2025 09:07	WG2456234
Molybdenum	0.186	J	0.0186	0.546	1	02/23/2025 09:07	WG2456234
Nickel	5.84		0.219	2.19	1	02/23/2025 09:07	WG2456234
Selenium	U		1.17	2.19	1	02/23/2025 09:07	WG2456234
Silver	U		0.139	1.09	1	02/23/2025 09:07	WG2456234
Thallium	U		0.566	2.19	1	02/23/2025 09:07	WG2456234
Vanadium	29.2		0.419	2.19	1	02/23/2025 09:07	WG2456234
Zinc	37.3		1.06	5.46	1	02/23/2025 09:07	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.988	2.97	25	02/23/2025 18:07	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*77.0-120*		*02/23/2025 18:07*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0434	0.0595	1	02/23/2025 17:03	WG2456603
Acrylonitrile	U		0.00430	0.0149	1	02/23/2025 17:03	WG2456603
Benzene	U		0.000556	0.00119	1	02/23/2025 17:03	WG2456603
Bromobenzene	U		0.00107	0.0149	1	02/23/2025 17:03	WG2456603
Bromodichloromethane	U		0.000863	0.00297	1	02/23/2025 17:03	WG2456603
Bromoform	U		0.00139	0.0297	1	02/23/2025 17:03	WG2456603
Bromomethane	U	C3	0.00234	0.0149	1	02/23/2025 17:03	WG2456603
n-Butylbenzene	U		0.00625	0.0149	1	02/23/2025 17:03	WG2456603
sec-Butylbenzene	U		0.00343	0.0149	1	02/23/2025 17:03	WG2456603
tert-Butylbenzene	U		0.00232	0.00595	1	02/23/2025 17:03	WG2456603
Carbon tetrachloride	U		0.00107	0.00595	1	02/23/2025 17:03	WG2456603
Chlorobenzene	U		0.000250	0.00297	1	02/23/2025 17:03	WG2456603
Chlorodibromomethane	U		0.000728	0.00297	1	02/23/2025 17:03	WG2456603
Chloroethane	U		0.00202	0.00595	1	02/23/2025 17:03	WG2456603
Chloroform	U		0.00123	0.00297	1	02/23/2025 17:03	WG2456603
Chloromethane	U		0.00518	0.0149	1	02/23/2025 17:03	WG2456603
2-Chlorotoluene	U		0.00103	0.00297	1	02/23/2025 17:03	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000535	0.00595	1	02/23/2025 17:03	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00464	0.0297	1	02/23/2025 17:03	WG2456603
1,2-Dibromoethane	U		0.000771	0.00297	1	02/23/2025 17:03	WG2456603
Dibromomethane	U		0.000892	0.00595	1	02/23/2025 17:03	WG2456603
1,2-Dichlorobenzene	U		0.000506	0.00595	1	02/23/2025 17:03	WG2456603
1,3-Dichlorobenzene	U		0.000714	0.00595	1	02/23/2025 17:03	WG2456603
1,4-Dichlorobenzene	U		0.000833	0.00595	1	02/23/2025 17:03	WG2456603
Dichlorodifluoromethane	U	C3	0.00192	0.00595	1	02/23/2025 17:03	WG2456603
1,1-Dichloroethane	U		0.000584	0.00297	1	02/23/2025 17:03	WG2456603
1,2-Dichloroethane	U		0.000772	0.00297	1	02/23/2025 17:03	WG2456603
1,1-Dichloroethene	U		0.000721	0.00297	1	02/23/2025 17:03	WG2456603
cis-1,2-Dichloroethene	U		0.000873	0.00297	1	02/23/2025 17:03	WG2456603
trans-1,2-Dichloroethene	U		0.00124	0.00595	1	02/23/2025 17:03	WG2456603
1,2-Dichloropropane	U		0.00169	0.00595	1	02/23/2025 17:03	WG2456603
1,1-Dichloropropene	U		0.000963	0.00297	1	02/23/2025 17:03	WG2456603
1,3-Dichloropropane	U		0.000596	0.00595	1	02/23/2025 17:03	WG2456603
cis-1,3-Dichloropropene	U		0.000901	0.00297	1	02/23/2025 17:03	WG2456603
trans-1,3-Dichloropropene	U		0.00136	0.00595	1	02/23/2025 17:03	WG2456603
2,2-Dichloropropane	U		0.00164	0.00297	1	02/23/2025 17:03	WG2456603
Di-isopropyl ether	U		0.000488	0.00119	1	02/23/2025 17:03	WG2456603
Ethylbenzene	U		0.000877	0.00297	1	02/23/2025 17:03	WG2456603
Hexachloro-1,3-butadiene	U		0.00714	0.0297	1	02/23/2025 17:03	WG2456603
Isopropylbenzene	U		0.000506	0.00297	1	02/23/2025 17:03	WG2456603
p-Isopropyltoluene	U		0.00303	0.00595	1	02/23/2025 17:03	WG2456603
2-Butanone (MEK)	U		0.0756	0.119	1	02/23/2025 17:03	WG2456603
Methylene Chloride	U		0.00790	0.0297	1	02/23/2025 17:03	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00271	0.0297	1	02/23/2025 17:03	WG2456603
Methyl tert-butyl ether	U		0.000416	0.00119	1	02/23/2025 17:03	WG2456603
Naphthalene	U		0.00581	0.0149	1	02/23/2025 17:03	WG2456603
n-Propylbenzene	U		0.00113	0.00595	1	02/23/2025 17:03	WG2456603
Styrene	U		0.000272	0.0149	1	02/23/2025 17:03	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00113	0.00297	1	02/23/2025 17:03	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000827	0.00297	1	02/23/2025 17:03	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000897	0.00297	1	02/23/2025 17:03	WG2456603
Tetrachloroethene	U		0.00107	0.00297	1	02/23/2025 17:03	WG2456603
Toluene	U		0.00155	0.00595	1	02/23/2025 17:03	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00872	0.0149	1	02/23/2025 17:03	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00524	0.0149	1	02/23/2025 17:03	WG2456603
1,1,1-Trichloroethane	U		0.00110	0.00297	1	02/23/2025 17:03	WG2456603
1,1,2-Trichloroethane	U		0.000710	0.00297	1	02/23/2025 17:03	WG2456603
Trichloroethene	U		0.000695	0.00119	1	02/23/2025 17:03	WG2456603
Trichlorofluoromethane	U		0.000984	0.00297	1	02/23/2025 17:03	WG2456603
1,2,3-Trichloropropane	U		0.00193	0.0149	1	02/23/2025 17:03	WG2456603
1,2,4-Trimethylbenzene	U		0.00188	0.00595	1	02/23/2025 17:03	WG2456603
1,2,3-Trimethylbenzene	U		0.00188	0.00595	1	02/23/2025 17:03	WG2456603
Vinyl chloride	U	C3	0.00138	0.00297	1	02/23/2025 17:03	WG2456603
1,3,5-Trimethylbenzene	U		0.00238	0.00595	1	02/23/2025 17:03	WG2456603
Xylenes, Total	U		0.00105	0.00773	1	02/23/2025 17:03	WG2456603
(S) Toluene-d8	*98.5*			*75.0-131*		*02/23/2025 17:03*	WG2456603
(S) 4-Bromofluorobenzene	*96.4*			*67.0-138*		*02/23/2025 17:03*	WG2456603
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*02/23/2025 17:03*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.76	4.37	1	02/27/2025 20:41	WG2458775
C22-C32 Hydrocarbons	U		2.76	4.37	1	02/27/2025 20:41	WG2458775
C32-C40 Hydrocarbons	U		2.76	4.37	1	02/27/2025 20:41	WG2458775
(S) o-Terphenyl	*68.0*			*18.0-148*		*02/27/2025 20:41*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00589	0.0364	1	02/27/2025 01:10	WG2457415
Acenaphthylene	U		0.00512	0.0364	1	02/27/2025 01:10	WG2457415
Anthracene	U		0.00648	0.0364	1	02/27/2025 01:10	WG2457415
Benzidine	U	C3	0.0684	1.82	1	02/27/2025 01:10	WG2457415
Benzo(a)anthracene	U		0.00641	0.0364	1	02/27/2025 01:10	WG2457415
Benzo(b)fluoranthene	U		0.00679	0.0364	1	02/27/2025 01:10	WG2457415
Benzo(k)fluoranthene	U		0.00647	0.0364	1	02/27/2025 01:10	WG2457415
Benzo(g,h,i)perylene	U		0.00665	0.0364	1	02/27/2025 01:10	WG2457415
Benzo(a)pyrene	U		0.00676	0.0364	1	02/27/2025 01:10	WG2457415
Bis(2-chlorethoxy)methane	U		0.0109	0.364	1	02/27/2025 01:10	WG2457415
Bis(2-chloroethyl)ether	U		0.0120	0.364	1	02/27/2025 01:10	WG2457415
2,2-Oxybis(1-Chloropropane)	U		0.0157	0.364	1	02/27/2025 01:10	WG2457415
4-Bromophenyl-phenylether	U		0.0128	0.364	1	02/27/2025 01:10	WG2457415
2-Chloronaphthalene	U		0.00639	0.0364	1	02/27/2025 01:10	WG2457415
4-Chlorophenyl-phenylether	U		0.0127	0.364	1	02/27/2025 01:10	WG2457415
Chrysene	U		0.00723	0.0364	1	02/27/2025 01:10	WG2457415
Dibenz(a,h)anthracene	U		0.0101	0.0364	1	02/27/2025 01:10	WG2457415
3,3-Dichlorobenzidine	U		0.0134	0.364	1	02/27/2025 01:10	WG2457415
2,4-Dinitrotoluene	U		0.0104	0.364	1	02/27/2025 01:10	WG2457415
2,6-Dinitrotoluene	U		0.0119	0.364	1	02/27/2025 01:10	WG2457415
Fluoranthene	U		0.00657	0.0364	1	02/27/2025 01:10	WG2457415
Fluorene	U		0.00592	0.0364	1	02/27/2025 01:10	WG2457415
Hexachlorobenzene	U		0.0129	0.364	1	02/27/2025 01:10	WG2457415
Hexachloro-1,3-butadiene	U		0.0122	0.364	1	02/27/2025 01:10	WG2457415
Hexachlorocyclopentadiene	U		0.0191	0.364	1	02/27/2025 01:10	WG2457415
Hexachloroethane	U		0.0143	0.364	1	02/27/2025 01:10	WG2457415
Indeno(1,2,3-cd)pyrene	U		0.0103	0.0364	1	02/27/2025 01:10	WG2457415
Isophorone	U		0.0111	0.364	1	02/27/2025 01:10	WG2457415
Naphthalene	U		0.00914	0.0364	1	02/27/2025 01:10	WG2457415
Nitrobenzene	U		0.0127	0.364	1	02/27/2025 01:10	WG2457415
n-Nitrosodimethylamine	U		0.0540	0.364	1	02/27/2025 01:10	WG2457415
n-Nitrosodiphenylamine	U		0.0275	0.364	1	02/27/2025 01:10	WG2457415
n-Nitrosodi-n-propylamine	U		0.0121	0.364	1	02/27/2025 01:10	WG2457415
Phenanthrene	U		0.00722	0.0364	1	02/27/2025 01:10	WG2457415
Benzylbutyl phthalate	U		0.0114	0.364	1	02/27/2025 01:10	WG2457415
Bis(2-ethylhexyl)phthalate	U		0.0461	0.364	1	02/27/2025 01:10	WG2457415
Di-n-butyl phthalate	U		0.0125	0.364	1	02/27/2025 01:10	WG2457415
Diethyl phthalate	U		0.0120	0.364	1	02/27/2025 01:10	WG2457415
Dimethyl phthalate	U		0.0771	0.364	1	02/27/2025 01:10	WG2457415
Di-n-octyl phthalate	U		0.0246	0.364	1	02/27/2025 01:10	WG2457415
Pyrene	U		0.00708	0.0364	1	02/27/2025 01:10	WG2457415
1,2,4-Trichlorobenzene	U		0.0114	0.364	1	02/27/2025 01:10	WG2457415
4-Chloro-3-methylphenol	U		0.0118	0.364	1	02/27/2025 01:10	WG2457415
2-Chlorophenol	U		0.0120	0.364	1	02/27/2025 01:10	WG2457415
2,4-Dichlorophenol	U		0.0106	0.364	1	02/27/2025 01:10	WG2457415
2,4-Dimethylphenol	U		0.00951	0.364	1	02/27/2025 01:10	WG2457415
4,6-Dinitro-2-methylphenol	U		0.0825	0.364	1	02/27/2025 01:10	WG2457415
2,4-Dinitrophenol	U		0.0851	0.364	1	02/27/2025 01:10	WG2457415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0109	0.364	1	02/27/2025 01:10	WG2457415
3&4-Methyl Phenol	U		0.0114	0.364	1	02/27/2025 01:10	WG2457415
2-Nitrophenol	U		0.0130	0.364	1	02/27/2025 01:10	WG2457415
4-Nitrophenol	U		0.0114	0.364	1	02/27/2025 01:10	WG2457415
Pentachlorophenol	U		0.00979	0.364	1	02/27/2025 01:10	WG2457415
Pyridine	U		0.0240	0.364	1	02/27/2025 01:10	WG2457415
2,4,5-Trichlorophenol	U		0.0123	0.364	1	02/27/2025 01:10	WG2457415
2,4,6-Trichlorophenol	U		0.0117	0.364	1	02/27/2025 01:10	WG2457415
Phenol	U		0.0146	0.364	1	02/27/2025 01:10	WG2457415
(S) 2-Fluorophenol	*79.2*			*12.0-120*		*02/27/2025 01:10*	WG2457415
(S) Phenol-d5	*72.5*			*10.0-120*		*02/27/2025 01:10*	WG2457415
(S) Nitrobenzene-d5	*72.0*			*10.0-122*		*02/27/2025 01:10*	WG2457415
(S) 2-Fluorobiphenyl	*80.1*			*15.0-120*		*02/27/2025 01:10*	WG2457415
(S) 2,4,6-Tribromophenol	*81.1*			*10.0-127*		*02/27/2025 01:10*	WG2457415
(S) p-Terphenyl-d14	*80.4*			*10.0-120*		*02/27/2025 01:10*	WG2457415

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.5		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0209	0.0406	1	02/23/2025 18:53	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.702	2.03	1	02/23/2025 09:09	WG2456234
Arsenic	1.62	J	0.850	2.03	1	02/23/2025 09:09	WG2456234
Barium	12.5		0.0863	0.508	1	02/23/2025 09:09	WG2456234
Beryllium	0.0835	J	0.0484	0.203	1	02/23/2025 09:09	WG2456234
Cadmium	U		0.0663	0.508	1	02/23/2025 09:09	WG2456234
Chromium	4.95		0.217	1.02	1	02/23/2025 09:09	WG2456234
Cobalt	2.02		0.180	1.02	1	02/23/2025 09:09	WG2456234
Copper	3.26		0.363	2.03	1	02/23/2025 09:09	WG2456234
Lead	2.65		0.331	0.508	1	02/23/2025 09:09	WG2456234
Molybdenum	0.177	J	0.0173	0.508	1	02/23/2025 09:09	WG2456234
Nickel	1.95	J	0.203	2.03	1	02/23/2025 09:09	WG2456234
Selenium	U		1.09	2.03	1	02/23/2025 09:09	WG2456234
Silver	U		0.129	1.02	1	02/23/2025 09:09	WG2456234
Thallium	U		0.526	2.03	1	02/23/2025 09:09	WG2456234
Vanadium	19.3		0.389	2.03	1	02/23/2025 09:09	WG2456234
Zinc	8.64		0.989	5.08	1	02/23/2025 09:09	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.857	2.58	25	02/23/2025 18:29	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*77.0-120*		*02/23/2025 18:29*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0377	0.0516	1	02/23/2025 17:21	WG2456603
Acrylonitrile	U		0.00373	0.0129	1	02/23/2025 17:21	WG2456603
Benzene	U		0.000482	0.00103	1	02/23/2025 17:21	WG2456603
Bromobenzene	U		0.000929	0.0129	1	02/23/2025 17:21	WG2456603
Bromodichloromethane	U		0.000749	0.00258	1	02/23/2025 17:21	WG2456603
Bromoform	U		0.00121	0.0258	1	02/23/2025 17:21	WG2456603
Bromomethane	U	C3	0.00203	0.0129	1	02/23/2025 17:21	WG2456603
n-Butylbenzene	U		0.00542	0.0129	1	02/23/2025 17:21	WG2456603
sec-Butylbenzene	U		0.00297	0.0129	1	02/23/2025 17:21	WG2456603
tert-Butylbenzene	U		0.00201	0.00516	1	02/23/2025 17:21	WG2456603
Carbon tetrachloride	U		0.000927	0.00516	1	02/23/2025 17:21	WG2456603
Chlorobenzene	U		0.000217	0.00258	1	02/23/2025 17:21	WG2456603
Chlorodibromomethane	U		0.000632	0.00258	1	02/23/2025 17:21	WG2456603
Chloroethane	U		0.00176	0.00516	1	02/23/2025 17:21	WG2456603
Chloroform	U		0.00106	0.00258	1	02/23/2025 17:21	WG2456603
Chloromethane	U		0.00449	0.0129	1	02/23/2025 17:21	WG2456603
2-Chlorotoluene	U		0.000893	0.00258	1	02/23/2025 17:21	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000465	0.00516	1	02/23/2025 17:21	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00403	0.0258	1	02/23/2025 17:21	WG2456603
1,2-Dibromoethane	U		0.000669	0.00258	1	02/23/2025 17:21	WG2456603
Dibromomethane	U		0.000774	0.00516	1	02/23/2025 17:21	WG2456603
1,2-Dichlorobenzene	U		0.000439	0.00516	1	02/23/2025 17:21	WG2456603
1,3-Dichlorobenzene	U		0.000620	0.00516	1	02/23/2025 17:21	WG2456603
1,4-Dichlorobenzene	U		0.000723	0.00516	1	02/23/2025 17:21	WG2456603
Dichlorodifluoromethane	U	C3	0.00166	0.00516	1	02/23/2025 17:21	WG2456603
1,1-Dichloroethane	U		0.000507	0.00258	1	02/23/2025 17:21	WG2456603
1,2-Dichloroethane	U		0.000670	0.00258	1	02/23/2025 17:21	WG2456603
1,1-Dichloroethene	U		0.000626	0.00258	1	02/23/2025 17:21	WG2456603
cis-1,2-Dichloroethene	U		0.000758	0.00258	1	02/23/2025 17:21	WG2456603
trans-1,2-Dichloroethene	U		0.00107	0.00516	1	02/23/2025 17:21	WG2456603
1,2-Dichloropropane	U		0.00147	0.00516	1	02/23/2025 17:21	WG2456603
1,1-Dichloropropene	U		0.000835	0.00258	1	02/23/2025 17:21	WG2456603
1,3-Dichloropropane	U		0.000517	0.00516	1	02/23/2025 17:21	WG2456603
cis-1,3-Dichloropropene	U		0.000782	0.00258	1	02/23/2025 17:21	WG2456603
trans-1,3-Dichloropropene	U		0.00118	0.00516	1	02/23/2025 17:21	WG2456603
2,2-Dichloropropane	U		0.00142	0.00258	1	02/23/2025 17:21	WG2456603
Di-isopropyl ether	U		0.000423	0.00103	1	02/23/2025 17:21	WG2456603
Ethylbenzene	U		0.000761	0.00258	1	02/23/2025 17:21	WG2456603
Hexachloro-1,3-butadiene	U		0.00620	0.0258	1	02/23/2025 17:21	WG2456603
Isopropylbenzene	U		0.000439	0.00258	1	02/23/2025 17:21	WG2456603
p-Isopropyltoluene	U		0.00263	0.00516	1	02/23/2025 17:21	WG2456603
2-Butanone (MEK)	U		0.0656	0.103	1	02/23/2025 17:21	WG2456603
Methylene Chloride	U		0.00686	0.0258	1	02/23/2025 17:21	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00235	0.0258	1	02/23/2025 17:21	WG2456603
Methyl tert-butyl ether	U		0.000361	0.00103	1	02/23/2025 17:21	WG2456603
Naphthalene	U		0.00504	0.0129	1	02/23/2025 17:21	WG2456603
n-Propylbenzene	U		0.000981	0.00516	1	02/23/2025 17:21	WG2456603
Styrene	U		0.000236	0.0129	1	02/23/2025 17:21	WG2456603
1,1,1,2-Tetrachloroethane	U		0.000979	0.00258	1	02/23/2025 17:21	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000718	0.00258	1	02/23/2025 17:21	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000779	0.00258	1	02/23/2025 17:21	WG2456603
Tetrachloroethene	U		0.000925	0.00258	1	02/23/2025 17:21	WG2456603
Toluene	U		0.00134	0.00516	1	02/23/2025 17:21	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00757	0.0129	1	02/23/2025 17:21	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00454	0.0129	1	02/23/2025 17:21	WG2456603
1,1,1-Trichloroethane	U		0.000953	0.00258	1	02/23/2025 17:21	WG2456603
1,1,2-Trichloroethane	U		0.000616	0.00258	1	02/23/2025 17:21	WG2456603
Trichloroethene	U		0.000603	0.00103	1	02/23/2025 17:21	WG2456603
Trichlorofluoromethane	U		0.000854	0.00258	1	02/23/2025 17:21	WG2456603
1,2,3-Trichloropropane	U		0.00167	0.0129	1	02/23/2025 17:21	WG2456603
1,2,4-Trimethylbenzene	U		0.00163	0.00516	1	02/23/2025 17:21	WG2456603
1,2,3-Trimethylbenzene	U		0.00163	0.00516	1	02/23/2025 17:21	WG2456603
Vinyl chloride	U	C3	0.00120	0.00258	1	02/23/2025 17:21	WG2456603
1,3,5-Trimethylbenzene	U		0.00207	0.00516	1	02/23/2025 17:21	WG2456603
Xylenes, Total	U		0.000909	0.00671	1	02/23/2025 17:21	WG2456603
(S) Toluene-d8	*99.1*			*75.0-131*		*02/23/2025 17:21*	WG2456603
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*02/23/2025 17:21*	WG2456603
(S) 1,2-Dichloroethane-d4	*89.3*			*70.0-130*		*02/23/2025 17:21*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.57	4.06	1	02/28/2025 00:23	WG2458775
C22-C32 Hydrocarbons	U		2.57	4.06	1	02/28/2025 00:23	WG2458775
C32-C40 Hydrocarbons	U		2.57	4.06	1	02/28/2025 00:23	WG2458775
(S) o-Terphenyl	*75.5*			*18.0-148*		*02/28/2025 00:23*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00547	0.0338	1	02/25/2025 12:17	WG2457408
Acenaphthylene	U		0.00476	0.0338	1	02/25/2025 12:17	WG2457408
Anthracene	U		0.00602	0.0338	1	02/25/2025 12:17	WG2457408
Benzidine	U		0.0636	1.70	1	02/25/2025 12:17	WG2457408
Benzo(a)anthracene	U		0.00596	0.0338	1	02/25/2025 12:17	WG2457408
Benzo(b)fluoranthene	U		0.00631	0.0338	1	02/25/2025 12:17	WG2457408
Benzo(k)fluoranthene	U		0.00601	0.0338	1	02/25/2025 12:17	WG2457408
Benzo(g,h,i)perylene	U		0.00618	0.0338	1	02/25/2025 12:17	WG2457408
Benzo(a)pyrene	U		0.00629	0.0338	1	02/25/2025 12:17	WG2457408
Bis(2-chlorethoxy)methane	U		0.0102	0.338	1	02/25/2025 12:17	WG2457408
Bis(2-chloroethyl)ether	U		0.0112	0.338	1	02/25/2025 12:17	WG2457408
2,2-Oxybis(1-Chloropropane)	U		0.0146	0.338	1	02/25/2025 12:17	WG2457408
4-Bromophenyl-phenylether	U		0.0119	0.338	1	02/25/2025 12:17	WG2457408
2-Chloronaphthalene	U		0.00594	0.0338	1	02/25/2025 12:17	WG2457408
4-Chlorophenyl-phenylether	U		0.0118	0.338	1	02/25/2025 12:17	WG2457408
Chrysene	U		0.00672	0.0338	1	02/25/2025 12:17	WG2457408
Dibenz(a,h)anthracene	U		0.00937	0.0338	1	02/25/2025 12:17	WG2457408
3,3-Dichlorobenzidine	U		0.0125	0.338	1	02/25/2025 12:17	WG2457408
2,4-Dinitrotoluene	U		0.00970	0.338	1	02/25/2025 12:17	WG2457408
2,6-Dinitrotoluene	U		0.0111	0.338	1	02/25/2025 12:17	WG2457408
Fluoranthene	U		0.00610	0.0338	1	02/25/2025 12:17	WG2457408
Fluorene	U		0.00550	0.0338	1	02/25/2025 12:17	WG2457408
Hexachlorobenzene	U		0.0120	0.338	1	02/25/2025 12:17	WG2457408
Hexachloro-1,3-butadiene	U		0.0114	0.338	1	02/25/2025 12:17	WG2457408
Hexachlorocyclopentadiene	U		0.0178	0.338	1	02/25/2025 12:17	WG2457408
Hexachloroethane	U		0.0133	0.338	1	02/25/2025 12:17	WG2457408
Indeno(1,2,3-cd)pyrene	U		0.00956	0.0338	1	02/25/2025 12:17	WG2457408
Isophorone	U		0.0104	0.338	1	02/25/2025 12:17	WG2457408
Naphthalene	U		0.00849	0.0338	1	02/25/2025 12:17	WG2457408
Nitrobenzene	U		0.0118	0.338	1	02/25/2025 12:17	WG2457408
n-Nitrosodimethylamine	U		0.0502	0.338	1	02/25/2025 12:17	WG2457408
n-Nitrosodiphenylamine	U		0.0256	0.338	1	02/25/2025 12:17	WG2457408
n-Nitrosodi-n-propylamine	U		0.0113	0.338	1	02/25/2025 12:17	WG2457408
Phenanthrene	U		0.00671	0.0338	1	02/25/2025 12:17	WG2457408
Benzylbutyl phthalate	U		0.0106	0.338	1	02/25/2025 12:17	WG2457408
Bis(2-ethylhexyl)phthalate	U		0.0429	0.338	1	02/25/2025 12:17	WG2457408
Di-n-butyl phthalate	U		0.0116	0.338	1	02/25/2025 12:17	WG2457408
Diethyl phthalate	U		0.0112	0.338	1	02/25/2025 12:17	WG2457408
Dimethyl phthalate	U		0.0717	0.338	1	02/25/2025 12:17	WG2457408
Di-n-octyl phthalate	U		0.0229	0.338	1	02/25/2025 12:17	WG2457408
Pyrene	U		0.00658	0.0338	1	02/25/2025 12:17	WG2457408
1,2,4-Trichlorobenzene	U		0.0106	0.338	1	02/25/2025 12:17	WG2457408
4-Chloro-3-methylphenol	U		0.0110	0.338	1	02/25/2025 12:17	WG2457408
2-Chlorophenol	U		0.0112	0.338	1	02/25/2025 12:17	WG2457408
2,4-Dichlorophenol	U		0.00985	0.338	1	02/25/2025 12:17	WG2457408
2,4-Dimethylphenol	U		0.00884	0.338	1	02/25/2025 12:17	WG2457408
4,6-Dinitro-2-methylphenol	U		0.0767	0.338	1	02/25/2025 12:17	WG2457408
2,4-Dinitrophenol	U		0.0791	0.338	1	02/25/2025 12:17	WG2457408

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0102	0.338	1	02/25/2025 12:17	WG2457408
3&4-Methyl Phenol	U		0.0106	0.338	1	02/25/2025 12:17	WG2457408
2-Nitrophenol	U		0.0121	0.338	1	02/25/2025 12:17	WG2457408
4-Nitrophenol	U		0.0106	0.338	1	02/25/2025 12:17	WG2457408
Pentachlorophenol	U		0.00910	0.338	1	02/25/2025 12:17	WG2457408
Pyridine	U		0.0223	0.338	1	02/25/2025 12:17	WG2457408
2,4,5-Trichlorophenol	U		0.0115	0.338	1	02/25/2025 12:17	WG2457408
2,4,6-Trichlorophenol	U		0.0109	0.338	1	02/25/2025 12:17	WG2457408
Phenol	U		0.0136	0.338	1	02/25/2025 12:17	WG2457408
(S) 2-Fluorophenol	*69.5*			*12.0-120*		*02/25/2025 12:17*	WG2457408
(S) Phenol-d5	*64.4*			*10.0-120*		*02/25/2025 12:17*	WG2457408
(S) Nitrobenzene-d5	*52.8*			*10.0-122*		*02/25/2025 12:17*	WG2457408
(S) 2-Fluorobiphenyl	*57.8*			*15.0-120*		*02/25/2025 12:17*	WG2457408
(S) 2,4,6-Tribromophenol	*68.7*			*10.0-127*		*02/25/2025 12:17*	WG2457408
(S) p-Terphenyl-d14	*66.6*			*10.0-120*		*02/25/2025 12:17*	WG2457408

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.3		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0216	0.0420	1	02/23/2025 18:55	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.725	2.10	1	02/23/2025 09:11	WG2456234
Arsenic	1.41	J	0.879	2.10	1	02/23/2025 09:11	WG2456234
Barium	55.9		0.0892	0.525	1	02/23/2025 09:11	WG2456234
Beryllium	0.235		0.0501	0.210	1	02/23/2025 09:11	WG2456234
Cadmium	U		0.0686	0.525	1	02/23/2025 09:11	WG2456234
Chromium	8.16		0.225	1.05	1	02/23/2025 09:11	WG2456234
Cobalt	3.89		0.186	1.05	1	02/23/2025 09:11	WG2456234
Copper	6.67		0.375	2.10	1	02/23/2025 09:11	WG2456234
Lead	3.16		0.342	0.525	1	02/23/2025 09:11	WG2456234
Molybdenum	0.362	J	0.0178	0.525	1	02/23/2025 09:11	WG2456234
Nickel	4.38		0.210	2.10	1	02/23/2025 09:11	WG2456234
Selenium	U		1.12	2.10	1	02/23/2025 09:11	WG2456234
Silver	U		0.133	1.05	1	02/23/2025 09:11	WG2456234
Thallium	U		0.544	2.10	1	02/23/2025 09:11	WG2456234
Vanadium	19.2		0.402	2.10	1	02/23/2025 09:11	WG2456234
Zinc	21.3		1.02	5.25	1	02/23/2025 09:11	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.918	2.77	25	02/23/2025 18:52	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*		*02/23/2025 18:52*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0404	0.0553	1	02/23/2025 17:40	WG2456603
Acrylonitrile	U		0.00399	0.0138	1	02/23/2025 17:40	WG2456603
Benzene	U		0.000517	0.00111	1	02/23/2025 17:40	WG2456603
Bromobenzene	U		0.000996	0.0138	1	02/23/2025 17:40	WG2456603
Bromodichloromethane	U		0.000802	0.00277	1	02/23/2025 17:40	WG2456603
Bromoform	U		0.00129	0.0277	1	02/23/2025 17:40	WG2456603
Bromomethane	U	C3	0.00218	0.0138	1	02/23/2025 17:40	WG2456603
n-Butylbenzene	U		0.00581	0.0138	1	02/23/2025 17:40	WG2456603
sec-Butylbenzene	U		0.00319	0.0138	1	02/23/2025 17:40	WG2456603
tert-Butylbenzene	U		0.00216	0.00553	1	02/23/2025 17:40	WG2456603
Carbon tetrachloride	U		0.000994	0.00553	1	02/23/2025 17:40	WG2456603
Chlorobenzene	U		0.000232	0.00277	1	02/23/2025 17:40	WG2456603
Chlorodibromomethane	U		0.000677	0.00277	1	02/23/2025 17:40	WG2456603
Chloroethane	U		0.00188	0.00553	1	02/23/2025 17:40	WG2456603
Chloroform	U		0.00114	0.00277	1	02/23/2025 17:40	WG2456603
Chloromethane	U		0.00481	0.0138	1	02/23/2025 17:40	WG2456603
2-Chlorotoluene	U		0.000957	0.00277	1	02/23/2025 17:40	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000498	0.00553	1	02/23/2025 17:40	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00432	0.0277	1	02/23/2025 17:40	WG2456603
1,2-Dibromoethane	U		0.000717	0.00277	1	02/23/2025 17:40	WG2456603
Dibromomethane	U		0.000830	0.00553	1	02/23/2025 17:40	WG2456603
1,2-Dichlorobenzene	U		0.000470	0.00553	1	02/23/2025 17:40	WG2456603
1,3-Dichlorobenzene	U		0.000664	0.00553	1	02/23/2025 17:40	WG2456603
1,4-Dichlorobenzene	U		0.000775	0.00553	1	02/23/2025 17:40	WG2456603
Dichlorodifluoromethane	U	C3	0.00178	0.00553	1	02/23/2025 17:40	WG2456603
1,1-Dichloroethane	U		0.000543	0.00277	1	02/23/2025 17:40	WG2456603
1,2-Dichloroethane	U		0.000718	0.00277	1	02/23/2025 17:40	WG2456603
1,1-Dichloroethene	U		0.000671	0.00277	1	02/23/2025 17:40	WG2456603
cis-1,2-Dichloroethene	U		0.000812	0.00277	1	02/23/2025 17:40	WG2456603
trans-1,2-Dichloroethene	U		0.00115	0.00553	1	02/23/2025 17:40	WG2456603
1,2-Dichloropropane	U		0.00157	0.00553	1	02/23/2025 17:40	WG2456603
1,1-Dichloropropene	U		0.000895	0.00277	1	02/23/2025 17:40	WG2456603
1,3-Dichloropropane	U		0.000554	0.00553	1	02/23/2025 17:40	WG2456603
cis-1,3-Dichloropropene	U		0.000838	0.00277	1	02/23/2025 17:40	WG2456603
trans-1,3-Dichloropropene	U		0.00126	0.00553	1	02/23/2025 17:40	WG2456603
2,2-Dichloropropane	U		0.00153	0.00277	1	02/23/2025 17:40	WG2456603
Di-isopropyl ether	U		0.000454	0.00111	1	02/23/2025 17:40	WG2456603
Ethylbenzene	U		0.000816	0.00277	1	02/23/2025 17:40	WG2456603
Hexachloro-1,3-butadiene	U		0.00664	0.0277	1	02/23/2025 17:40	WG2456603
Isopropylbenzene	U		0.000470	0.00277	1	02/23/2025 17:40	WG2456603
p-Isopropyltoluene	U		0.00282	0.00553	1	02/23/2025 17:40	WG2456603
2-Butanone (MEK)	U		0.0703	0.111	1	02/23/2025 17:40	WG2456603
Methylene Chloride	U		0.00735	0.0277	1	02/23/2025 17:40	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00252	0.0277	1	02/23/2025 17:40	WG2456603
Methyl tert-butyl ether	U		0.000387	0.00111	1	02/23/2025 17:40	WG2456603
Naphthalene	U		0.00540	0.0138	1	02/23/2025 17:40	WG2456603
n-Propylbenzene	U		0.00105	0.00553	1	02/23/2025 17:40	WG2456603
Styrene	U		0.000253	0.0138	1	02/23/2025 17:40	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00105	0.00277	1	02/23/2025 17:40	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000769	0.00277	1	02/23/2025 17:40	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000834	0.00277	1	02/23/2025 17:40	WG2456603
Tetrachloroethene	U		0.000991	0.00277	1	02/23/2025 17:40	WG2456603
Toluene	U		0.00144	0.00553	1	02/23/2025 17:40	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00811	0.0138	1	02/23/2025 17:40	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00487	0.0138	1	02/23/2025 17:40	WG2456603
1,1,1-Trichloroethane	U		0.00102	0.00277	1	02/23/2025 17:40	WG2456603
1,1,2-Trichloroethane	U		0.000661	0.00277	1	02/23/2025 17:40	WG2456603
Trichloroethene	U		0.000646	0.00111	1	02/23/2025 17:40	WG2456603
Trichlorofluoromethane	U		0.000915	0.00277	1	02/23/2025 17:40	WG2456603
1,2,3-Trichloropropane	U		0.00179	0.0138	1	02/23/2025 17:40	WG2456603
1,2,4-Trimethylbenzene	U		0.00175	0.00553	1	02/23/2025 17:40	WG2456603
1,2,3-Trimethylbenzene	U		0.00175	0.00553	1	02/23/2025 17:40	WG2456603
Vinyl chloride	U	C3	0.00128	0.00277	1	02/23/2025 17:40	WG2456603
1,3,5-Trimethylbenzene	U		0.00221	0.00553	1	02/23/2025 17:40	WG2456603
Xylenes, Total	U		0.000974	0.00719	1	02/23/2025 17:40	WG2456603
(S) Toluene-d8	*99.4*			*75.0-131*		*02/23/2025 17:40*	WG2456603
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*02/23/2025 17:40*	WG2456603
(S) 1,2-Dichloroethane-d4	*85.1*			*70.0-130*		*02/23/2025 17:40*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.66	4.20	1	02/28/2025 01:07	WG2458775
C22-C32 Hydrocarbons	U		2.66	4.20	1	02/28/2025 01:07	WG2458775
C32-C40 Hydrocarbons	U		2.66	4.20	1	02/28/2025 01:07	WG2458775
(S) o-Terphenyl	*74.1*			*18.0-148*		*02/28/2025 01:07*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00566	0.0350	1	02/25/2025 22:50	WG2457390
Acenaphthylene	U		0.00492	0.0350	1	02/25/2025 22:50	WG2457390
Anthracene	U		0.00623	0.0350	1	02/25/2025 22:50	WG2457390
Benzidine	U		0.0657	1.75	1	02/25/2025 22:50	WG2457390
Benzo(a)anthracene	U		0.00616	0.0350	1	02/25/2025 22:50	WG2457390
Benzo(b)fluoranthene	U		0.00652	0.0350	1	02/25/2025 22:50	WG2457390
Benzo(k)fluoranthene	U		0.00621	0.0350	1	02/25/2025 22:50	WG2457390
Benzo(g,h,i)perylene	U		0.00639	0.0350	1	02/25/2025 22:50	WG2457390
Benzo(a)pyrene	U		0.00650	0.0350	1	02/25/2025 22:50	WG2457390
Bis(2-chlorethoxy)methane	U		0.0105	0.350	1	02/25/2025 22:50	WG2457390
Bis(2-chloroethyl)ether	U		0.0115	0.350	1	02/25/2025 22:50	WG2457390
2,2-Oxybis(1-Chloropropane)	U		0.0151	0.350	1	02/25/2025 22:50	WG2457390
4-Bromophenyl-phenylether	U		0.0123	0.350	1	02/25/2025 22:50	WG2457390
2-Chloronaphthalene	U		0.00614	0.0350	1	02/25/2025 22:50	WG2457390
4-Chlorophenyl-phenylether	U		0.0122	0.350	1	02/25/2025 22:50	WG2457390
Chrysene	U		0.00695	0.0350	1	02/25/2025 22:50	WG2457390
Dibenz(a,h)anthracene	U		0.00969	0.0350	1	02/25/2025 22:50	WG2457390
3,3-Dichlorobenzidine	U		0.0129	0.350	1	02/25/2025 22:50	WG2457390
2,4-Dinitrotoluene	U		0.0100	0.350	1	02/25/2025 22:50	WG2457390
2,6-Dinitrotoluene	U		0.0114	0.350	1	02/25/2025 22:50	WG2457390
Fluoranthene	U		0.00631	0.0350	1	02/25/2025 22:50	WG2457390
Fluorene	U		0.00569	0.0350	1	02/25/2025 22:50	WG2457390
Hexachlorobenzene	U		0.0124	0.350	1	02/25/2025 22:50	WG2457390
Hexachloro-1,3-butadiene	U		0.0118	0.350	1	02/25/2025 22:50	WG2457390
Hexachlorocyclopentadiene	U	C3	0.0184	0.350	1	02/25/2025 22:50	WG2457390
Hexachloroethane	U		0.0138	0.350	1	02/25/2025 22:50	WG2457390
Indeno(1,2,3-cd)pyrene	U		0.00988	0.0350	1	02/25/2025 22:50	WG2457390
Isophorone	U		0.0107	0.350	1	02/25/2025 22:50	WG2457390
Naphthalene	U		0.00878	0.0350	1	02/25/2025 22:50	WG2457390
Nitrobenzene	U		0.0122	0.350	1	02/25/2025 22:50	WG2457390
n-Nitrosodimethylamine	U		0.0519	0.350	1	02/25/2025 22:50	WG2457390
n-Nitrosodiphenylamine	U		0.0265	0.350	1	02/25/2025 22:50	WG2457390
n-Nitrosodi-n-propylamine	U		0.0117	0.350	1	02/25/2025 22:50	WG2457390
Phenanthrene	U		0.00694	0.0350	1	02/25/2025 22:50	WG2457390
Benzylbutyl phthalate	U		0.0109	0.350	1	02/25/2025 22:50	WG2457390
Bis(2-ethylhexyl)phthalate	U		0.0443	0.350	1	02/25/2025 22:50	WG2457390
Di-n-butyl phthalate	U		0.0120	0.350	1	02/25/2025 22:50	WG2457390
Diethyl phthalate	U		0.0115	0.350	1	02/25/2025 22:50	WG2457390
Dimethyl phthalate	U		0.0741	0.350	1	02/25/2025 22:50	WG2457390
Di-n-octyl phthalate	U		0.0236	0.350	1	02/25/2025 22:50	WG2457390
Pyrene	U		0.00680	0.0350	1	02/25/2025 22:50	WG2457390
1,2,4-Trichlorobenzene	U		0.0109	0.350	1	02/25/2025 22:50	WG2457390
4-Chloro-3-methylphenol	U		0.0113	0.350	1	02/25/2025 22:50	WG2457390
2-Chlorophenol	U		0.0115	0.350	1	02/25/2025 22:50	WG2457390
2,4-Dichlorophenol	U		0.0102	0.350	1	02/25/2025 22:50	WG2457390
2,4-Dimethylphenol	U	C3	0.00913	0.350	1	02/25/2025 22:50	WG2457390
4,6-Dinitro-2-methylphenol	U		0.0793	0.350	1	02/25/2025 22:50	WG2457390
2,4-Dinitrophenol	U		0.0818	0.350	1	02/25/2025 22:50	WG2457390

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0105	0.350	1	02/25/2025 22:50	WG2457390
3&4-Methyl Phenol	U		0.0109	0.350	1	02/25/2025 22:50	WG2457390
2-Nitrophenol	U		0.0125	0.350	1	02/25/2025 22:50	WG2457390
4-Nitrophenol	U		0.0109	0.350	1	02/25/2025 22:50	WG2457390
Pentachlorophenol	U		0.00941	0.350	1	02/25/2025 22:50	WG2457390
Pyridine	U		0.0231	0.350	1	02/25/2025 22:50	WG2457390
2,4,5-Trichlorophenol	U		0.0119	0.350	1	02/25/2025 22:50	WG2457390
2,4,6-Trichlorophenol	U		0.0112	0.350	1	02/25/2025 22:50	WG2457390
Phenol	U		0.0141	0.350	1	02/25/2025 22:50	WG2457390
(S) 2-Fluorophenol	*57.7*			*12.0-120*		*02/25/2025 22:50*	WG2457390
(S) Phenol-d5	*54.1*			*10.0-120*		*02/25/2025 22:50*	WG2457390
(S) Nitrobenzene-d5	*48.6*			*10.0-122*		*02/25/2025 22:50*	WG2457390
(S) 2-Fluorobiphenyl	*52.4*			*15.0-120*		*02/25/2025 22:50*	WG2457390
(S) 2,4,6-Tribromophenol	*48.1*			*10.0-127*		*02/25/2025 22:50*	WG2457390
(S) p-Terphenyl-d14	*60.6*			*10.0-120*		*02/25/2025 22:50*	WG2457390

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.0		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0212	0.0413	1	02/23/2025 19:03	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.713	2.06	1	02/23/2025 09:12	WG2456234
Arsenic	2.04	J	0.863	2.06	1	02/23/2025 09:12	WG2456234
Barium	27.1		0.0877	0.516	1	02/23/2025 09:12	WG2456234
Beryllium	0.105	J	0.0492	0.206	1	02/23/2025 09:12	WG2456234
Cadmium	U		0.0673	0.516	1	02/23/2025 09:12	WG2456234
Chromium	6.34		0.221	1.03	1	02/23/2025 09:12	WG2456234
Cobalt	2.45		0.183	1.03	1	02/23/2025 09:12	WG2456234
Copper	4.53		0.368	2.06	1	02/23/2025 09:12	WG2456234
Lead	2.17		0.336	0.516	1	02/23/2025 09:12	WG2456234
Molybdenum	0.343	J	0.0175	0.516	1	02/23/2025 09:12	WG2456234
Nickel	2.43		0.206	2.06	1	02/23/2025 09:12	WG2456234
Selenium	U		1.10	2.06	1	02/23/2025 09:12	WG2456234
Silver	U		0.131	1.03	1	02/23/2025 09:12	WG2456234
Thallium	U		0.534	2.06	1	02/23/2025 09:12	WG2456234
Vanadium	20.8		0.395	2.06	1	02/23/2025 09:12	WG2456234
Zinc	12.0		1.00	5.16	1	02/23/2025 09:12	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.883	2.66	25	02/23/2025 19:14	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*77.0-120*		*02/23/2025 19:14*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0388	0.0532	1	02/23/2025 17:59	WG2456603
Acrylonitrile	U		0.00384	0.0133	1	02/23/2025 17:59	WG2456603
Benzene	U		0.000497	0.00106	1	02/23/2025 17:59	WG2456603
Bromobenzene	U		0.000958	0.0133	1	02/23/2025 17:59	WG2456603
Bromodichloromethane	U		0.000771	0.00266	1	02/23/2025 17:59	WG2456603
Bromoform	U		0.00124	0.0266	1	02/23/2025 17:59	WG2456603
Bromomethane	U	C3	0.00210	0.0133	1	02/23/2025 17:59	WG2456603
n-Butylbenzene	U		0.00559	0.0133	1	02/23/2025 17:59	WG2456603
sec-Butylbenzene	U		0.00306	0.0133	1	02/23/2025 17:59	WG2456603
tert-Butylbenzene	U		0.00207	0.00532	1	02/23/2025 17:59	WG2456603
Carbon tetrachloride	U		0.000955	0.00532	1	02/23/2025 17:59	WG2456603
Chlorobenzene	U		0.000223	0.00266	1	02/23/2025 17:59	WG2456603
Chlorodibromomethane	U		0.000651	0.00266	1	02/23/2025 17:59	WG2456603
Chloroethane	U		0.00181	0.00532	1	02/23/2025 17:59	WG2456603
Chloroform	U		0.00110	0.00266	1	02/23/2025 17:59	WG2456603
Chloromethane	U		0.00463	0.0133	1	02/23/2025 17:59	WG2456603
2-Chlorotoluene	U		0.000920	0.00266	1	02/23/2025 17:59	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000479	0.00532	1	02/23/2025 17:59	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00415	0.0266	1	02/23/2025 17:59	WG2456603
1,2-Dibromoethane	U		0.000689	0.00266	1	02/23/2025 17:59	WG2456603
Dibromomethane	U		0.000798	0.00532	1	02/23/2025 17:59	WG2456603
1,2-Dichlorobenzene	U		0.000452	0.00532	1	02/23/2025 17:59	WG2456603
1,3-Dichlorobenzene	U		0.000638	0.00532	1	02/23/2025 17:59	WG2456603
1,4-Dichlorobenzene	U		0.000745	0.00532	1	02/23/2025 17:59	WG2456603
Dichlorodifluoromethane	U	C3	0.00171	0.00532	1	02/23/2025 17:59	WG2456603
1,1-Dichloroethane	U		0.000522	0.00266	1	02/23/2025 17:59	WG2456603
1,2-Dichloroethane	U		0.000691	0.00266	1	02/23/2025 17:59	WG2456603
1,1-Dichloroethene	U		0.000645	0.00266	1	02/23/2025 17:59	WG2456603
cis-1,2-Dichloroethene	U		0.000781	0.00266	1	02/23/2025 17:59	WG2456603
trans-1,2-Dichloroethene	U		0.00111	0.00532	1	02/23/2025 17:59	WG2456603
1,2-Dichloropropane	U		0.00151	0.00532	1	02/23/2025 17:59	WG2456603
1,1-Dichloropropene	U		0.000861	0.00266	1	02/23/2025 17:59	WG2456603
1,3-Dichloropropane	U		0.000533	0.00532	1	02/23/2025 17:59	WG2456603
cis-1,3-Dichloropropene	U		0.000805	0.00266	1	02/23/2025 17:59	WG2456603
trans-1,3-Dichloropropene	U		0.00121	0.00532	1	02/23/2025 17:59	WG2456603
2,2-Dichloropropane	U		0.00147	0.00266	1	02/23/2025 17:59	WG2456603
Di-isopropyl ether	U		0.000436	0.00106	1	02/23/2025 17:59	WG2456603
Ethylbenzene	U		0.000784	0.00266	1	02/23/2025 17:59	WG2456603
Hexachloro-1,3-butadiene	U		0.00638	0.0266	1	02/23/2025 17:59	WG2456603
Isopropylbenzene	U		0.000452	0.00266	1	02/23/2025 17:59	WG2456603
p-Isopropyltoluene	U		0.00271	0.00532	1	02/23/2025 17:59	WG2456603
2-Butanone (MEK)	U		0.0676	0.106	1	02/23/2025 17:59	WG2456603
Methylene Chloride	U		0.00706	0.0266	1	02/23/2025 17:59	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00243	0.0266	1	02/23/2025 17:59	WG2456603
Methyl tert-butyl ether	U		0.000372	0.00106	1	02/23/2025 17:59	WG2456603
Naphthalene	U		0.00519	0.0133	1	02/23/2025 17:59	WG2456603
n-Propylbenzene	U		0.00101	0.00532	1	02/23/2025 17:59	WG2456603
Styrene	U		0.000244	0.0133	1	02/23/2025 17:59	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00101	0.00266	1	02/23/2025 17:59	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000739	0.00266	1	02/23/2025 17:59	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000802	0.00266	1	02/23/2025 17:59	WG2456603
Tetrachloroethene	U		0.000953	0.00266	1	02/23/2025 17:59	WG2456603
Toluene	U		0.00138	0.00532	1	02/23/2025 17:59	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00780	0.0133	1	02/23/2025 17:59	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00468	0.0133	1	02/23/2025 17:59	WG2456603
1,1,1-Trichloroethane	U		0.000982	0.00266	1	02/23/2025 17:59	WG2456603
1,1,2-Trichloroethane	U		0.000635	0.00266	1	02/23/2025 17:59	WG2456603
Trichloroethene	U		0.000621	0.00106	1	02/23/2025 17:59	WG2456603
Trichlorofluoromethane	U		0.000880	0.00266	1	02/23/2025 17:59	WG2456603
1,2,3-Trichloropropane	U		0.00172	0.0133	1	02/23/2025 17:59	WG2456603
1,2,4-Trimethylbenzene	U		0.00168	0.00532	1	02/23/2025 17:59	WG2456603
1,2,3-Trimethylbenzene	U		0.00168	0.00532	1	02/23/2025 17:59	WG2456603
Vinyl chloride	U	C3	0.00123	0.00266	1	02/23/2025 17:59	WG2456603
1,3,5-Trimethylbenzene	U		0.00213	0.00532	1	02/23/2025 17:59	WG2456603
Xylenes, Total	U		0.000936	0.00692	1	02/23/2025 17:59	WG2456603
(S) Toluene-d8	*97.5*			*75.0-131*		*02/23/2025 17:59*	WG2456603
(S) 4-Bromofluorobenzene	*95.4*			*67.0-138*		*02/23/2025 17:59*	WG2456603
(S) 1,2-Dichloroethane-d4	*85.6*			*70.0-130*		*02/23/2025 17:59*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.61	4.13	1	02/28/2025 03:03	WG2458775
C22-C32 Hydrocarbons	U		2.61	4.13	1	02/28/2025 03:03	WG2458775
C32-C40 Hydrocarbons	U		2.61	4.13	1	02/28/2025 03:03	WG2458775
(S) o-Terphenyl	*73.4*			*18.0-148*		*02/28/2025 03:03*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00556	0.0343	1	02/25/2025 23:31	WG2457390
Acenaphthylene	U		0.00484	0.0343	1	02/25/2025 23:31	WG2457390
Anthracene	U		0.00612	0.0343	1	02/25/2025 23:31	WG2457390
Benzidine	U		0.0646	1.72	1	02/25/2025 23:31	WG2457390
Benzo(a)anthracene	U		0.00605	0.0343	1	02/25/2025 23:31	WG2457390
Benzo(b)fluoranthene	U		0.00640	0.0343	1	02/25/2025 23:31	WG2457390
Benzo(k)fluoranthene	U		0.00611	0.0343	1	02/25/2025 23:31	WG2457390
Benzo(g,h,i)perylene	U		0.00628	0.0343	1	02/25/2025 23:31	WG2457390
Benzo(a)pyrene	U		0.00638	0.0343	1	02/25/2025 23:31	WG2457390
Bis(2-chlorethoxy)methane	U		0.0103	0.343	1	02/25/2025 23:31	WG2457390
Bis(2-chloroethyl)ether	U		0.0113	0.343	1	02/25/2025 23:31	WG2457390
2,2-Oxybis(1-Chloropropane)	U		0.0149	0.343	1	02/25/2025 23:31	WG2457390
4-Bromophenyl-phenylether	U		0.0121	0.343	1	02/25/2025 23:31	WG2457390
2-Chloronaphthalene	U		0.00603	0.0343	1	02/25/2025 23:31	WG2457390
4-Chlorophenyl-phenylether	U		0.0120	0.343	1	02/25/2025 23:31	WG2457390
Chrysene	U		0.00683	0.0343	1	02/25/2025 23:31	WG2457390
Dibenz(a,h)anthracene	U		0.00952	0.0343	1	02/25/2025 23:31	WG2457390
3,3-Dichlorobenzidine	U		0.0127	0.343	1	02/25/2025 23:31	WG2457390
2,4-Dinitrotoluene	U		0.00985	0.343	1	02/25/2025 23:31	WG2457390
2,6-Dinitrotoluene	U		0.0112	0.343	1	02/25/2025 23:31	WG2457390
Fluoranthene	U		0.00620	0.0343	1	02/25/2025 23:31	WG2457390
Fluorene	U		0.00559	0.0343	1	02/25/2025 23:31	WG2457390
Hexachlorobenzene	U		0.0122	0.343	1	02/25/2025 23:31	WG2457390
Hexachloro-1,3-butadiene	U		0.0116	0.343	1	02/25/2025 23:31	WG2457390
Hexachlorocyclopentadiene	U	C3	0.0180	0.343	1	02/25/2025 23:31	WG2457390
Hexachloroethane	U		0.0135	0.343	1	02/25/2025 23:31	WG2457390
Indeno(1,2,3-cd)pyrene	U		0.00970	0.0343	1	02/25/2025 23:31	WG2457390
Isophorone	U		0.0105	0.343	1	02/25/2025 23:31	WG2457390
Naphthalene	U		0.00862	0.0343	1	02/25/2025 23:31	WG2457390
Nitrobenzene	U		0.0120	0.343	1	02/25/2025 23:31	WG2457390
n-Nitrosodimethylamine	U		0.0509	0.343	1	02/25/2025 23:31	WG2457390
n-Nitrosodiphenylamine	U		0.0260	0.343	1	02/25/2025 23:31	WG2457390
n-Nitrosodi-n-propylamine	U		0.0114	0.343	1	02/25/2025 23:31	WG2457390
Phenanthrene	U		0.00682	0.0343	1	02/25/2025 23:31	WG2457390
Benzylbutyl phthalate	U		0.0107	0.343	1	02/25/2025 23:31	WG2457390
Bis(2-ethylhexyl)phthalate	U		0.0435	0.343	1	02/25/2025 23:31	WG2457390
Di-n-butyl phthalate	U		0.0118	0.343	1	02/25/2025 23:31	WG2457390
Diethyl phthalate	U		0.0113	0.343	1	02/25/2025 23:31	WG2457390
Dimethyl phthalate	U		0.0728	0.343	1	02/25/2025 23:31	WG2457390
Di-n-octyl phthalate	U		0.0232	0.343	1	02/25/2025 23:31	WG2457390
Pyrene	U		0.00668	0.0343	1	02/25/2025 23:31	WG2457390
1,2,4-Trichlorobenzene	U		0.0107	0.343	1	02/25/2025 23:31	WG2457390
4-Chloro-3-methylphenol	U		0.0111	0.343	1	02/25/2025 23:31	WG2457390
2-Chlorophenol	U		0.0113	0.343	1	02/25/2025 23:31	WG2457390
2,4-Dichlorophenol	U		0.0100	0.343	1	02/25/2025 23:31	WG2457390
2,4-Dimethylphenol	U	C3	0.00897	0.343	1	02/25/2025 23:31	WG2457390
4,6-Dinitro-2-methylphenol	U		0.0779	0.343	1	02/25/2025 23:31	WG2457390
2,4-Dinitrophenol	U		0.0803	0.343	1	02/25/2025 23:31	WG2457390

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0103	0.343	1	02/25/2025 23:31	WG2457390
3&4-Methyl Phenol	U		0.0107	0.343	1	02/25/2025 23:31	WG2457390
2-Nitrophenol	U		0.0123	0.343	1	02/25/2025 23:31	WG2457390
4-Nitrophenol	U		0.0107	0.343	1	02/25/2025 23:31	WG2457390
Pentachlorophenol	U		0.00924	0.343	1	02/25/2025 23:31	WG2457390
Pyridine	U		0.0227	0.343	1	02/25/2025 23:31	WG2457390
2,4,5-Trichlorophenol	U		0.0117	0.343	1	02/25/2025 23:31	WG2457390
2,4,6-Trichlorophenol	U		0.0110	0.343	1	02/25/2025 23:31	WG2457390
Phenol	U		0.0138	0.343	1	02/25/2025 23:31	WG2457390
(S) 2-Fluorophenol	*57.6*			*12.0-120*		*02/25/2025 23:31*	WG2457390
(S) Phenol-d5	*53.2*			*10.0-120*		*02/25/2025 23:31*	WG2457390
(S) Nitrobenzene-d5	*48.3*			*10.0-122*		*02/25/2025 23:31*	WG2457390
(S) 2-Fluorobiphenyl	*53.8*			*15.0-120*		*02/25/2025 23:31*	WG2457390
(S) 2,4,6-Tribromophenol	*54.1*			*10.0-127*		*02/25/2025 23:31*	WG2457390
(S) p-Terphenyl-d14	*61.7*			*10.0-120*		*02/25/2025 23:31*	WG2457390

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.1		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0219	0.0425	1	02/23/2025 19:06	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.734	2.13	1	02/23/2025 09:14	WG2456234
Arsenic	2.31		0.889	2.13	1	02/23/2025 09:14	WG2456234
Barium	44.2		0.0903	0.531	1	02/23/2025 09:14	WG2456234
Beryllium	0.339		0.0507	0.213	1	02/23/2025 09:14	WG2456234
Cadmium	U		0.0694	0.531	1	02/23/2025 09:14	WG2456234
Chromium	10.8		0.227	1.06	1	02/23/2025 09:14	WG2456234
Cobalt	3.99		0.188	1.06	1	02/23/2025 09:14	WG2456234
Copper	9.49		0.379	2.13	1	02/23/2025 09:14	WG2456234
Lead	3.78		0.346	0.531	1	02/23/2025 09:14	WG2456234
Molybdenum	0.391	J	0.0181	0.531	1	02/23/2025 09:14	WG2456234
Nickel	5.06		0.213	2.13	1	02/23/2025 09:14	WG2456234
Selenium	U		1.14	2.13	1	02/23/2025 09:14	WG2456234
Silver	U		0.135	1.06	1	02/23/2025 09:14	WG2456234
Thallium	U		0.550	2.13	1	02/23/2025 09:14	WG2456234
Vanadium	21.9		0.407	2.13	1	02/23/2025 09:14	WG2456234
Zinc	23.9		1.03	5.31	1	02/23/2025 09:14	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.935	2.82	25	02/23/2025 19:37	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*95.5*			*77.0-120*		*02/23/2025 19:37*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0411	0.0563	1	02/23/2025 18:19	WG2456603
Acrylonitrile	U		0.00407	0.0141	1	02/23/2025 18:19	WG2456603
Benzene	U		0.000526	0.00113	1	02/23/2025 18:19	WG2456603
Bromobenzene	U		0.00101	0.0141	1	02/23/2025 18:19	WG2456603
Bromodichloromethane	U		0.000817	0.00282	1	02/23/2025 18:19	WG2456603
Bromoform	U		0.00132	0.0282	1	02/23/2025 18:19	WG2456603
Bromomethane	U	C3	0.00222	0.0141	1	02/23/2025 18:19	WG2456603
n-Butylbenzene	U		0.00591	0.0141	1	02/23/2025 18:19	WG2456603
sec-Butylbenzene	U		0.00324	0.0141	1	02/23/2025 18:19	WG2456603
tert-Butylbenzene	U		0.00220	0.00563	1	02/23/2025 18:19	WG2456603
Carbon tetrachloride	U		0.00101	0.00563	1	02/23/2025 18:19	WG2456603
Chlorobenzene	U		0.000237	0.00282	1	02/23/2025 18:19	WG2456603
Chlorodibromomethane	U		0.000689	0.00282	1	02/23/2025 18:19	WG2456603
Chloroethane	U		0.00192	0.00563	1	02/23/2025 18:19	WG2456603
Chloroform	U		0.00116	0.00282	1	02/23/2025 18:19	WG2456603
Chloromethane	U		0.00490	0.0141	1	02/23/2025 18:19	WG2456603
2-Chlorotoluene	U		0.000974	0.00282	1	02/23/2025 18:19	WG2456603

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000507	0.00563	1	02/23/2025 18:19	WG2456603
1,2-Dibromo-3-Chloropropane	U		0.00439	0.0282	1	02/23/2025 18:19	WG2456603
1,2-Dibromoethane	U		0.000730	0.00282	1	02/23/2025 18:19	WG2456603
Dibromomethane	U		0.000845	0.00563	1	02/23/2025 18:19	WG2456603
1,2-Dichlorobenzene	U		0.000479	0.00563	1	02/23/2025 18:19	WG2456603
1,3-Dichlorobenzene	U		0.000676	0.00563	1	02/23/2025 18:19	WG2456603
1,4-Dichlorobenzene	U		0.000789	0.00563	1	02/23/2025 18:19	WG2456603
Dichlorodifluoromethane	U	C3	0.00181	0.00563	1	02/23/2025 18:19	WG2456603
1,1-Dichloroethane	U		0.000553	0.00282	1	02/23/2025 18:19	WG2456603
1,2-Dichloroethane	U		0.000731	0.00282	1	02/23/2025 18:19	WG2456603
1,1-Dichloroethene	U		0.000683	0.00282	1	02/23/2025 18:19	WG2456603
cis-1,2-Dichloroethene	U		0.000827	0.00282	1	02/23/2025 18:19	WG2456603
trans-1,2-Dichloroethene	U		0.00117	0.00563	1	02/23/2025 18:19	WG2456603
1,2-Dichloropropane	U		0.00160	0.00563	1	02/23/2025 18:19	WG2456603
1,1-Dichloropropene	U		0.000911	0.00282	1	02/23/2025 18:19	WG2456603
1,3-Dichloropropane	U		0.000564	0.00563	1	02/23/2025 18:19	WG2456603
cis-1,3-Dichloropropene	U		0.000853	0.00282	1	02/23/2025 18:19	WG2456603
trans-1,3-Dichloropropene	U		0.00128	0.00563	1	02/23/2025 18:19	WG2456603
2,2-Dichloropropane	U		0.00155	0.00282	1	02/23/2025 18:19	WG2456603
Di-isopropyl ether	U		0.000462	0.00113	1	02/23/2025 18:19	WG2456603
Ethylbenzene	U		0.000830	0.00282	1	02/23/2025 18:19	WG2456603
Hexachloro-1,3-butadiene	U		0.00676	0.0282	1	02/23/2025 18:19	WG2456603
Isopropylbenzene	U		0.000479	0.00282	1	02/23/2025 18:19	WG2456603
p-Isopropyltoluene	U		0.00287	0.00563	1	02/23/2025 18:19	WG2456603
2-Butanone (MEK)	U		0.0715	0.113	1	02/23/2025 18:19	WG2456603
Methylene Chloride	U		0.00748	0.0282	1	02/23/2025 18:19	WG2456603
4-Methyl-2-pentanone (MIBK)	U		0.00257	0.0282	1	02/23/2025 18:19	WG2456603
Methyl tert-butyl ether	U		0.000394	0.00113	1	02/23/2025 18:19	WG2456603
Naphthalene	U		0.00550	0.0141	1	02/23/2025 18:19	WG2456603
n-Propylbenzene	U		0.00107	0.00563	1	02/23/2025 18:19	WG2456603
Styrene	U		0.000258	0.0141	1	02/23/2025 18:19	WG2456603
1,1,1,2-Tetrachloroethane	U		0.00107	0.00282	1	02/23/2025 18:19	WG2456603
1,1,2,2-Tetrachloroethane	U		0.000783	0.00282	1	02/23/2025 18:19	WG2456603
1,1,2-Trichlorotrifluoroethane	U		0.000849	0.00282	1	02/23/2025 18:19	WG2456603
Tetrachloroethene	U		0.00101	0.00282	1	02/23/2025 18:19	WG2456603
Toluene	U		0.00146	0.00563	1	02/23/2025 18:19	WG2456603
1,2,3-Trichlorobenzene	U	C3	0.00826	0.0141	1	02/23/2025 18:19	WG2456603
1,2,4-Trichlorobenzene	U	C3	0.00496	0.0141	1	02/23/2025 18:19	WG2456603
1,1,1-Trichloroethane	U		0.00104	0.00282	1	02/23/2025 18:19	WG2456603
1,1,2-Trichloroethane	U		0.000673	0.00282	1	02/23/2025 18:19	WG2456603
Trichloroethene	U		0.000658	0.00113	1	02/23/2025 18:19	WG2456603
Trichlorofluoromethane	U		0.000932	0.00282	1	02/23/2025 18:19	WG2456603
1,2,3-Trichloropropane	U		0.00182	0.0141	1	02/23/2025 18:19	WG2456603
1,2,4-Trimethylbenzene	U		0.00178	0.00563	1	02/23/2025 18:19	WG2456603
1,2,3-Trimethylbenzene	U		0.00178	0.00563	1	02/23/2025 18:19	WG2456603
Vinyl chloride	U	C3	0.00131	0.00282	1	02/23/2025 18:19	WG2456603
1,3,5-Trimethylbenzene	U		0.00225	0.00563	1	02/23/2025 18:19	WG2456603
Xylenes, Total	U		0.000991	0.00732	1	02/23/2025 18:19	WG2456603
(S) Toluene-d8	*98.3*			*75.0-131*		*02/23/2025 18:19*	WG2456603
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*02/23/2025 18:19*	WG2456603
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*02/23/2025 18:19*	WG2456603

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.69	4.25	1	02/28/2025 01:22	WG2458775
C22-C32 Hydrocarbons	U		2.69	4.25	1	02/28/2025 01:22	WG2458775
C32-C40 Hydrocarbons	U		2.69	4.25	1	02/28/2025 01:22	WG2458775
(S) o-Terphenyl	*66.6*			*18.0-148*		*02/28/2025 01:22*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00573	0.0354	1	02/27/2025 14:41	WG2458766
Acenaphthylene	U		0.00498	0.0354	1	02/27/2025 14:41	WG2458766
Anthracene	U		0.00630	0.0354	1	02/27/2025 14:41	WG2458766
Benzidine	U		0.0665	1.77	1	02/27/2025 14:41	WG2458766
Benzo(a)anthracene	U		0.00624	0.0354	1	02/27/2025 14:41	WG2458766
Benzo(b)fluoranthene	U		0.00660	0.0354	1	02/27/2025 14:41	WG2458766
Benzo(k)fluoranthene	U		0.00629	0.0354	1	02/27/2025 14:41	WG2458766
Benzo(g,h,i)perylene	U		0.00647	0.0354	1	02/27/2025 14:41	WG2458766
Benzo(a)pyrene	U		0.00658	0.0354	1	02/27/2025 14:41	WG2458766
Bis(2-chlorethoxy)methane	U		0.0106	0.354	1	02/27/2025 14:41	WG2458766
Bis(2-chloroethyl)ether	U		0.0117	0.354	1	02/27/2025 14:41	WG2458766
2,2-Oxybis(1-Chloropropane)	U		0.0153	0.354	1	02/27/2025 14:41	WG2458766
4-Bromophenyl-phenylether	U		0.0124	0.354	1	02/27/2025 14:41	WG2458766
2-Chloronaphthalene	U		0.00622	0.0354	1	02/27/2025 14:41	WG2458766
4-Chlorophenyl-phenylether	U		0.0123	0.354	1	02/27/2025 14:41	WG2458766
Chrysene	U		0.00703	0.0354	1	02/27/2025 14:41	WG2458766
Dibenz(a,h)anthracene	U		0.00981	0.0354	1	02/27/2025 14:41	WG2458766
3,3-Dichlorobenzidine	U		0.0131	0.354	1	02/27/2025 14:41	WG2458766
2,4-Dinitrotoluene	U		0.0101	0.354	1	02/27/2025 14:41	WG2458766
2,6-Dinitrotoluene	U		0.0116	0.354	1	02/27/2025 14:41	WG2458766
Fluoranthene	U		0.00639	0.0354	1	02/27/2025 14:41	WG2458766
Fluorene	U		0.00576	0.0354	1	02/27/2025 14:41	WG2458766
Hexachlorobenzene	U		0.0125	0.354	1	02/27/2025 14:41	WG2458766
Hexachloro-1,3-butadiene	U		0.0119	0.354	1	02/27/2025 14:41	WG2458766
Hexachlorocyclopentadiene	U		0.0186	0.354	1	02/27/2025 14:41	WG2458766
Hexachloroethane	U		0.0139	0.354	1	02/27/2025 14:41	WG2458766
Indeno(1,2,3-cd)pyrene	U		0.0100	0.0354	1	02/27/2025 14:41	WG2458766
Isophorone	U		0.0108	0.354	1	02/27/2025 14:41	WG2458766
Naphthalene	U		0.00888	0.0354	1	02/27/2025 14:41	WG2458766
Nitrobenzene	U		0.0123	0.354	1	02/27/2025 14:41	WG2458766
n-Nitrosodimethylamine	U		0.0525	0.354	1	02/27/2025 14:41	WG2458766
n-Nitrosodiphenylamine	U		0.0268	0.354	1	02/27/2025 14:41	WG2458766
n-Nitrosodi-n-propylamine	U		0.0118	0.354	1	02/27/2025 14:41	WG2458766
Phenanthrene	U		0.00702	0.0354	1	02/27/2025 14:41	WG2458766
Benzylbutyl phthalate	U		0.0111	0.354	1	02/27/2025 14:41	WG2458766
Bis(2-ethylhexyl)phthalate	U		0.0448	0.354	1	02/27/2025 14:41	WG2458766
Di-n-butyl phthalate	U		0.0121	0.354	1	02/27/2025 14:41	WG2458766
Diethyl phthalate	U		0.0117	0.354	1	02/27/2025 14:41	WG2458766
Dimethyl phthalate	U		0.0750	0.354	1	02/27/2025 14:41	WG2458766
Di-n-octyl phthalate	U		0.0239	0.354	1	02/27/2025 14:41	WG2458766
Pyrene	U		0.00689	0.0354	1	02/27/2025 14:41	WG2458766
1,2,4-Trichlorobenzene	U		0.0111	0.354	1	02/27/2025 14:41	WG2458766
4-Chloro-3-methylphenol	U		0.0115	0.354	1	02/27/2025 14:41	WG2458766
2-Chlorophenol	U		0.0117	0.354	1	02/27/2025 14:41	WG2458766
2,4-Dichlorophenol	U		0.0103	0.354	1	02/27/2025 14:41	WG2458766
2,4-Dimethylphenol	U		0.00924	0.354	1	02/27/2025 14:41	WG2458766
4,6-Dinitro-2-methylphenol	U		0.0802	0.354	1	02/27/2025 14:41	WG2458766
2,4-Dinitrophenol	U		0.0828	0.354	1	02/27/2025 14:41	WG2458766

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0106	0.354	1	02/27/2025 14:41	WG2458766
3&4-Methyl Phenol	U		0.0111	0.354	1	02/27/2025 14:41	WG2458766
2-Nitrophenol	U		0.0126	0.354	1	02/27/2025 14:41	WG2458766
4-Nitrophenol	U		0.0111	0.354	1	02/27/2025 14:41	WG2458766
Pentachlorophenol	U		0.00952	0.354	1	02/27/2025 14:41	WG2458766
Pyridine	U		0.0234	0.354	1	02/27/2025 14:41	WG2458766
2,4,5-Trichlorophenol	U		0.0120	0.354	1	02/27/2025 14:41	WG2458766
2,4,6-Trichlorophenol	U		0.0114	0.354	1	02/27/2025 14:41	WG2458766
Phenol	U		0.0142	0.354	1	02/27/2025 14:41	WG2458766
(S) 2-Fluorophenol	*74.8*			*12.0-120*		*02/27/2025 14:41*	WG2458766
(S) Phenol-d5	*68.2*			*10.0-120*		*02/27/2025 14:41*	WG2458766
(S) Nitrobenzene-d5	*53.1*			*10.0-122*		*02/27/2025 14:41*	WG2458766
(S) 2-Fluorobiphenyl	*60.7*			*15.0-120*		*02/27/2025 14:41*	WG2458766
(S) 2,4,6-Tribromophenol	*66.4*			*10.0-127*		*02/27/2025 14:41*	WG2458766
(S) p-Terphenyl-d14	*66.0*			*10.0-120*		*02/27/2025 14:41*	WG2458766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.3		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0212	0.0411	1	02/23/2025 19:08	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.710	2.06	1	02/23/2025 09:19	WG2456234
Arsenic	4.44		0.860	2.06	1	02/23/2025 09:19	WG2456234
Barium	18.6		0.0874	0.514	1	02/23/2025 09:19	WG2456234
Beryllium	0.109	J	0.0490	0.206	1	02/23/2025 09:19	WG2456234
Cadmium	U		0.0671	0.514	1	02/23/2025 09:19	WG2456234
Chromium	4.11		0.220	1.03	1	02/23/2025 09:19	WG2456234
Cobalt	2.26		0.182	1.03	1	02/23/2025 09:19	WG2456234
Copper	3.68		0.367	2.06	1	02/23/2025 09:19	WG2456234
Lead	2.09		0.335	0.514	1	02/23/2025 09:19	WG2456234
Molybdenum	0.147	J	0.0175	0.514	1	02/23/2025 09:19	WG2456234
Nickel	2.16		0.206	2.06	1	02/23/2025 09:19	WG2456234
Selenium	U		1.10	2.06	1	02/23/2025 09:19	WG2456234
Silver	U		0.131	1.03	1	02/23/2025 09:19	WG2456234
Thallium	U		0.532	2.06	1	02/23/2025 09:19	WG2456234
Vanadium	27.2		0.394	2.06	1	02/23/2025 09:19	WG2456234
Zinc	12.2		1.00	5.14	1	02/23/2025 09:19	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	0.978	J	0.876	2.64	25	02/23/2025 21:06	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*		*02/23/2025 21:06*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0385	0.0528	1	02/23/2025 15:02	WG2456643
Acrylonitrile	U		0.00381	0.0132	1	02/23/2025 15:02	WG2456643
Benzene	U		0.000493	0.00106	1	02/23/2025 15:02	WG2456643
Bromobenzene	U		0.000950	0.0132	1	02/23/2025 15:02	WG2456643
Bromodichloromethane	U		0.000765	0.00264	1	02/23/2025 15:02	WG2456643
Bromoform	U		0.00124	0.0264	1	02/23/2025 15:02	WG2456643
Bromomethane	0.00834	B J	0.00208	0.0132	1	02/23/2025 15:02	WG2456643
n-Butylbenzene	U		0.00554	0.0132	1	02/23/2025 15:02	WG2456643
sec-Butylbenzene	U		0.00304	0.0132	1	02/23/2025 15:02	WG2456643
tert-Butylbenzene	U		0.00206	0.00528	1	02/23/2025 15:02	WG2456643
Carbon tetrachloride	U		0.000948	0.00528	1	02/23/2025 15:02	WG2456643
Chlorobenzene	U		0.000222	0.00264	1	02/23/2025 15:02	WG2456643
Chlorodibromomethane	U		0.000646	0.00264	1	02/23/2025 15:02	WG2456643
Chloroethane	U		0.00179	0.00528	1	02/23/2025 15:02	WG2456643
Chloroform	U		0.00109	0.00264	1	02/23/2025 15:02	WG2456643
Chloromethane	U		0.00459	0.0132	1	02/23/2025 15:02	WG2456643
2-Chlorotoluene	U		0.000913	0.00264	1	02/23/2025 15:02	WG2456643

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000475	0.00528	1	02/23/2025 15:02	WG2456643
1,2-Dibromo-3-Chloropropane	U		0.00412	0.0264	1	02/23/2025 15:02	WG2456643
1,2-Dibromoethane	U		0.000684	0.00264	1	02/23/2025 15:02	WG2456643
Dibromomethane	U		0.000792	0.00528	1	02/23/2025 15:02	WG2456643
1,2-Dichlorobenzene	U		0.000449	0.00528	1	02/23/2025 15:02	WG2456643
1,3-Dichlorobenzene	U		0.000634	0.00528	1	02/23/2025 15:02	WG2456643
1,4-Dichlorobenzene	U		0.000739	0.00528	1	02/23/2025 15:02	WG2456643
Dichlorodifluoromethane	U		0.00170	0.00528	1	02/23/2025 15:02	WG2456643
1,1-Dichloroethane	U		0.000518	0.00264	1	02/23/2025 15:02	WG2456643
1,2-Dichloroethane	U		0.000685	0.00264	1	02/23/2025 15:02	WG2456643
1,1-Dichloroethene	U		0.000640	0.00264	1	02/23/2025 15:02	WG2456643
cis-1,2-Dichloroethene	U		0.000775	0.00264	1	02/23/2025 15:02	WG2456643
trans-1,2-Dichloroethene	U		0.00110	0.00528	1	02/23/2025 15:02	WG2456643
1,2-Dichloropropane	U		0.00150	0.00528	1	02/23/2025 15:02	WG2456643
1,1-Dichloropropene	U		0.000854	0.00264	1	02/23/2025 15:02	WG2456643
1,3-Dichloropropane	U		0.000529	0.00528	1	02/23/2025 15:02	WG2456643
cis-1,3-Dichloropropene	U		0.000799	0.00264	1	02/23/2025 15:02	WG2456643
trans-1,3-Dichloropropene	U		0.00120	0.00528	1	02/23/2025 15:02	WG2456643
2,2-Dichloropropane	U		0.00146	0.00264	1	02/23/2025 15:02	WG2456643
Di-isopropyl ether	U		0.000433	0.00106	1	02/23/2025 15:02	WG2456643
Ethylbenzene	U		0.000778	0.00264	1	02/23/2025 15:02	WG2456643
Hexachloro-1,3-butadiene	U	C3	0.00634	0.0264	1	02/23/2025 15:02	WG2456643
Isopropylbenzene	U		0.000449	0.00264	1	02/23/2025 15:02	WG2456643
p-Isopropyltoluene	U		0.00269	0.00528	1	02/23/2025 15:02	WG2456643
2-Butanone (MEK)	U		0.0670	0.106	1	02/23/2025 15:02	WG2456643
Methylene Chloride	U		0.00701	0.0264	1	02/23/2025 15:02	WG2456643
4-Methyl-2-pentanone (MIBK)	U		0.00241	0.0264	1	02/23/2025 15:02	WG2456643
Methyl tert-butyl ether	U		0.000370	0.00106	1	02/23/2025 15:02	WG2456643
Naphthalene	0.0588		0.00515	0.0132	1	02/23/2025 15:02	WG2456643
n-Propylbenzene	U		0.00100	0.00528	1	02/23/2025 15:02	WG2456643
Styrene	U		0.000242	0.0132	1	02/23/2025 15:02	WG2456643
1,1,1,2-Tetrachloroethane	U		0.00100	0.00264	1	02/23/2025 15:02	WG2456643
1,1,2,2-Tetrachloroethane	U		0.000734	0.00264	1	02/23/2025 15:02	WG2456643
1,1,2-Trichlorotrifluoroethane	U		0.000796	0.00264	1	02/23/2025 15:02	WG2456643
Tetrachloroethene	U		0.000946	0.00264	1	02/23/2025 15:02	WG2456643
Toluene	U		0.00137	0.00528	1	02/23/2025 15:02	WG2456643
1,2,3-Trichlorobenzene	U	C3	0.00774	0.0132	1	02/23/2025 15:02	WG2456643
1,2,4-Trichlorobenzene	U		0.00465	0.0132	1	02/23/2025 15:02	WG2456643
1,1,1-Trichloroethane	U		0.000975	0.00264	1	02/23/2025 15:02	WG2456643
1,1,2-Trichloroethane	U		0.000630	0.00264	1	02/23/2025 15:02	WG2456643
Trichloroethene	U		0.000617	0.00106	1	02/23/2025 15:02	WG2456643
Trichlorofluoromethane	U		0.000873	0.00264	1	02/23/2025 15:02	WG2456643
1,2,3-Trichloropropane	U		0.00171	0.0132	1	02/23/2025 15:02	WG2456643
1,2,4-Trimethylbenzene	U		0.00167	0.00528	1	02/23/2025 15:02	WG2456643
1,2,3-Trimethylbenzene	U		0.00167	0.00528	1	02/23/2025 15:02	WG2456643
Vinyl chloride	U		0.00122	0.00264	1	02/23/2025 15:02	WG2456643
1,3,5-Trimethylbenzene	U		0.00211	0.00528	1	02/23/2025 15:02	WG2456643
Xylenes, Total	U		0.000929	0.00686	1	02/23/2025 15:02	WG2456643
(S) Toluene-d8	*102*			*75.0-131*		*02/23/2025 15:02*	WG2456643
(S) 4-Bromofluorobenzene	*90.6*			*67.0-138*		*02/23/2025 15:02*	WG2456643
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*02/23/2025 15:02*	WG2456643

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.60	4.11	1	02/28/2025 03:33	WG2458775
C22-C32 Hydrocarbons	U		2.60	4.11	1	02/28/2025 03:33	WG2458775
C32-C40 Hydrocarbons	U		2.60	4.11	1	02/28/2025 03:33	WG2458775
(S) o-Terphenyl	*74.9*			*18.0-148*		*02/28/2025 03:33*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00554	0.0342	1	02/27/2025 15:02	WG2458766
Acenaphthylene	U		0.00482	0.0342	1	02/27/2025 15:02	WG2458766
Anthracene	U		0.00610	0.0342	1	02/27/2025 15:02	WG2458766
Benzidine	U		0.0643	1.72	1	02/27/2025 15:02	WG2458766
Benzo(a)anthracene	U		0.00603	0.0342	1	02/27/2025 15:02	WG2458766
Benzo(b)fluoranthene	U		0.00638	0.0342	1	02/27/2025 15:02	WG2458766
Benzo(k)fluoranthene	U		0.00608	0.0342	1	02/27/2025 15:02	WG2458766
Benzo(g,h,i)perylene	U		0.00626	0.0342	1	02/27/2025 15:02	WG2458766
Benzo(a)pyrene	U		0.00636	0.0342	1	02/27/2025 15:02	WG2458766
Bis(2-chlorethoxy)methane	U		0.0103	0.342	1	02/27/2025 15:02	WG2458766
Bis(2-chloroethyl)ether	U		0.0113	0.342	1	02/27/2025 15:02	WG2458766
2,2-Oxybis(1-Chloropropane)	U		0.0148	0.342	1	02/27/2025 15:02	WG2458766
4-Bromophenyl-phenylether	U		0.0120	0.342	1	02/27/2025 15:02	WG2458766
2-Chloronaphthalene	U		0.00601	0.0342	1	02/27/2025 15:02	WG2458766
4-Chlorophenyl-phenylether	U		0.0119	0.342	1	02/27/2025 15:02	WG2458766
Chrysene	U		0.00680	0.0342	1	02/27/2025 15:02	WG2458766
Dibenz(a,h)anthracene	U		0.00949	0.0342	1	02/27/2025 15:02	WG2458766
3,3-Dichlorobenzidine	U		0.0126	0.342	1	02/27/2025 15:02	WG2458766
2,4-Dinitrotoluene	U		0.00982	0.342	1	02/27/2025 15:02	WG2458766
2,6-Dinitrotoluene	U		0.0112	0.342	1	02/27/2025 15:02	WG2458766
Fluoranthene	U		0.00618	0.0342	1	02/27/2025 15:02	WG2458766
Fluorene	U		0.00557	0.0342	1	02/27/2025 15:02	WG2458766
Hexachlorobenzene	U		0.0121	0.342	1	02/27/2025 15:02	WG2458766
Hexachloro-1,3-butadiene	U		0.0115	0.342	1	02/27/2025 15:02	WG2458766
Hexachlorocyclopentadiene	U		0.0180	0.342	1	02/27/2025 15:02	WG2458766
Hexachloroethane	U		0.0135	0.342	1	02/27/2025 15:02	WG2458766
Indeno(1,2,3-cd)pyrene	U		0.00967	0.0342	1	02/27/2025 15:02	WG2458766
Isophorone	U		0.0105	0.342	1	02/27/2025 15:02	WG2458766
Naphthalene	U		0.00859	0.0342	1	02/27/2025 15:02	WG2458766
Nitrobenzene	U		0.0119	0.342	1	02/27/2025 15:02	WG2458766
n-Nitrosodimethylamine	U		0.0508	0.342	1	02/27/2025 15:02	WG2458766
n-Nitrosodiphenylamine	U		0.0259	0.342	1	02/27/2025 15:02	WG2458766
n-Nitrosodi-n-propylamine	U		0.0114	0.342	1	02/27/2025 15:02	WG2458766
Phenanthrene	U		0.00679	0.0342	1	02/27/2025 15:02	WG2458766
Benzylbutyl phthalate	U		0.0107	0.342	1	02/27/2025 15:02	WG2458766
Bis(2-ethylhexyl)phthalate	U		0.0434	0.342	1	02/27/2025 15:02	WG2458766
Di-n-butyl phthalate	U		0.0117	0.342	1	02/27/2025 15:02	WG2458766
Diethyl phthalate	U		0.0113	0.342	1	02/27/2025 15:02	WG2458766
Dimethyl phthalate	U		0.0726	0.342	1	02/27/2025 15:02	WG2458766
Di-n-octyl phthalate	U		0.0231	0.342	1	02/27/2025 15:02	WG2458766
Pyrene	U		0.00666	0.0342	1	02/27/2025 15:02	WG2458766
1,2,4-Trichlorobenzene	U		0.0107	0.342	1	02/27/2025 15:02	WG2458766
4-Chloro-3-methylphenol	U		0.0111	0.342	1	02/27/2025 15:02	WG2458766
2-Chlorophenol	U		0.0113	0.342	1	02/27/2025 15:02	WG2458766
2,4-Dichlorophenol	U		0.00997	0.342	1	02/27/2025 15:02	WG2458766
2,4-Dimethylphenol	U		0.00894	0.342	1	02/27/2025 15:02	WG2458766
4,6-Dinitro-2-methylphenol	U		0.0776	0.342	1	02/27/2025 15:02	WG2458766
2,4-Dinitrophenol	U		0.0801	0.342	1	02/27/2025 15:02	WG2458766

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0103	0.342	1	02/27/2025 15:02	WG2458766
3&4-Methyl Phenol	U		0.0107	0.342	1	02/27/2025 15:02	WG2458766
2-Nitrophenol	U		0.0122	0.342	1	02/27/2025 15:02	WG2458766
4-Nitrophenol	U		0.0107	0.342	1	02/27/2025 15:02	WG2458766
Pentachlorophenol	U		0.00921	0.342	1	02/27/2025 15:02	WG2458766
Pyridine	U		0.0226	0.342	1	02/27/2025 15:02	WG2458766
2,4,5-Trichlorophenol	U		0.0116	0.342	1	02/27/2025 15:02	WG2458766
2,4,6-Trichlorophenol	U		0.0110	0.342	1	02/27/2025 15:02	WG2458766
Phenol	U		0.0138	0.342	1	02/27/2025 15:02	WG2458766
(S) 2-Fluorophenol	*77.1*			*12.0-120*		*02/27/2025 15:02*	WG2458766
(S) Phenol-d5	*70.0*			*10.0-120*		*02/27/2025 15:02*	WG2458766
(S) Nitrobenzene-d5	*57.0*			*10.0-122*		*02/27/2025 15:02*	WG2458766
(S) 2-Fluorobiphenyl	*66.9*			*15.0-120*		*02/27/2025 15:02*	WG2458766
(S) 2,4,6-Tribromophenol	*78.3*			*10.0-127*		*02/27/2025 15:02*	WG2458766
(S) p-Terphenyl-d14	*71.5*			*10.0-120*		*02/27/2025 15:02*	WG2458766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.6		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0218	0.0423	1	02/23/2025 19:11	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.730	2.11	1	02/23/2025 09:21	WG2456234
Arsenic	4.49		0.884	2.11	1	02/23/2025 09:21	WG2456234
Barium	41.9		0.0898	0.528	1	02/23/2025 09:21	WG2456234
Beryllium	0.165	J	0.0504	0.211	1	02/23/2025 09:21	WG2456234
Cadmium	U		0.0690	0.528	1	02/23/2025 09:21	WG2456234
Chromium	7.74		0.226	1.06	1	02/23/2025 09:21	WG2456234
Cobalt	5.34		0.187	1.06	1	02/23/2025 09:21	WG2456234
Copper	6.34		0.377	2.11	1	02/23/2025 09:21	WG2456234
Lead	3.08		0.344	0.528	1	02/23/2025 09:21	WG2456234
Molybdenum	0.327	J	0.0180	0.528	1	02/23/2025 09:21	WG2456234
Nickel	4.36		0.211	2.11	1	02/23/2025 09:21	WG2456234
Selenium	U		1.13	2.11	1	02/23/2025 09:21	WG2456234
Silver	U		0.134	1.06	1	02/23/2025 09:21	WG2456234
Thallium	U		0.547	2.11	1	02/23/2025 09:21	WG2456234
Vanadium	31.6		0.405	2.11	1	02/23/2025 09:21	WG2456234
Zinc	25.7		1.03	5.28	1	02/23/2025 09:21	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.926	2.79	25	02/23/2025 21:29	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*77.0-120*		*02/23/2025 21:29*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0407	0.0558	1	02/23/2025 15:23	WG2456643
Acrylonitrile	U		0.00403	0.0140	1	02/23/2025 15:23	WG2456643
Benzene	U		0.000521	0.00112	1	02/23/2025 15:23	WG2456643
Bromobenzene	U		0.00100	0.0140	1	02/23/2025 15:23	WG2456643
Bromodichloromethane	U		0.000809	0.00279	1	02/23/2025 15:23	WG2456643
Bromoform	U		0.00131	0.0279	1	02/23/2025 15:23	WG2456643
Bromomethane	0.00626	B J	0.00220	0.0140	1	02/23/2025 15:23	WG2456643
n-Butylbenzene	U		0.00586	0.0140	1	02/23/2025 15:23	WG2456643
sec-Butylbenzene	U		0.00321	0.0140	1	02/23/2025 15:23	WG2456643
tert-Butylbenzene	U		0.00218	0.00558	1	02/23/2025 15:23	WG2456643
Carbon tetrachloride	U		0.00100	0.00558	1	02/23/2025 15:23	WG2456643
Chlorobenzene	U		0.000234	0.00279	1	02/23/2025 15:23	WG2456643
Chlorodibromomethane	U		0.000683	0.00279	1	02/23/2025 15:23	WG2456643
Chloroethane	U		0.00190	0.00558	1	02/23/2025 15:23	WG2456643
Chloroform	U		0.00115	0.00279	1	02/23/2025 15:23	WG2456643
Chloromethane	U		0.00485	0.0140	1	02/23/2025 15:23	WG2456643
2-Chlorotoluene	U		0.000965	0.00279	1	02/23/2025 15:23	WG2456643

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000502	0.00558	1	02/23/2025 15:23	WG2456643
1,2-Dibromo-3-Chloropropane	U		0.00435	0.0279	1	02/23/2025 15:23	WG2456643
1,2-Dibromoethane	U		0.000723	0.00279	1	02/23/2025 15:23	WG2456643
Dibromomethane	U		0.000837	0.00558	1	02/23/2025 15:23	WG2456643
1,2-Dichlorobenzene	U		0.000474	0.00558	1	02/23/2025 15:23	WG2456643
1,3-Dichlorobenzene	U		0.000670	0.00558	1	02/23/2025 15:23	WG2456643
1,4-Dichlorobenzene	U		0.000781	0.00558	1	02/23/2025 15:23	WG2456643
Dichlorodifluoromethane	U		0.00180	0.00558	1	02/23/2025 15:23	WG2456643
1,1-Dichloroethane	U		0.000548	0.00279	1	02/23/2025 15:23	WG2456643
1,2-Dichloroethane	U		0.000724	0.00279	1	02/23/2025 15:23	WG2456643
1,1-Dichloroethene	U		0.000676	0.00279	1	02/23/2025 15:23	WG2456643
cis-1,2-Dichloroethene	U		0.000819	0.00279	1	02/23/2025 15:23	WG2456643
trans-1,2-Dichloroethene	U		0.00116	0.00558	1	02/23/2025 15:23	WG2456643
1,2-Dichloropropane	U		0.00158	0.00558	1	02/23/2025 15:23	WG2456643
1,1-Dichloropropene	U		0.000903	0.00279	1	02/23/2025 15:23	WG2456643
1,3-Dichloropropane	U		0.000559	0.00558	1	02/23/2025 15:23	WG2456643
cis-1,3-Dichloropropene	U		0.000845	0.00279	1	02/23/2025 15:23	WG2456643
trans-1,3-Dichloropropene	U		0.00127	0.00558	1	02/23/2025 15:23	WG2456643
2,2-Dichloropropane	U		0.00154	0.00279	1	02/23/2025 15:23	WG2456643
Di-isopropyl ether	U		0.000458	0.00112	1	02/23/2025 15:23	WG2456643
Ethylbenzene	U		0.000823	0.00279	1	02/23/2025 15:23	WG2456643
Hexachloro-1,3-butadiene	U	C3	0.00670	0.0279	1	02/23/2025 15:23	WG2456643
Isopropylbenzene	U		0.000474	0.00279	1	02/23/2025 15:23	WG2456643
p-Isopropyltoluene	U		0.00285	0.00558	1	02/23/2025 15:23	WG2456643
2-Butanone (MEK)	U		0.0709	0.112	1	02/23/2025 15:23	WG2456643
Methylene Chloride	U		0.00741	0.0279	1	02/23/2025 15:23	WG2456643
4-Methyl-2-pentanone (MIBK)	U		0.00254	0.0279	1	02/23/2025 15:23	WG2456643
Methyl tert-butyl ether	U		0.000391	0.00112	1	02/23/2025 15:23	WG2456643
Naphthalene	U		0.00545	0.0140	1	02/23/2025 15:23	WG2456643
n-Propylbenzene	U		0.00106	0.00558	1	02/23/2025 15:23	WG2456643
Styrene	U		0.000256	0.0140	1	02/23/2025 15:23	WG2456643
1,1,1,2-Tetrachloroethane	U		0.00106	0.00279	1	02/23/2025 15:23	WG2456643
1,1,2,2-Tetrachloroethane	U		0.000776	0.00279	1	02/23/2025 15:23	WG2456643
1,1,2-Trichlorotrifluoroethane	U		0.000842	0.00279	1	02/23/2025 15:23	WG2456643
Tetrachloroethene	U		0.00100	0.00279	1	02/23/2025 15:23	WG2456643
Toluene	U		0.00145	0.00558	1	02/23/2025 15:23	WG2456643
1,2,3-Trichlorobenzene	U	C3	0.00818	0.0140	1	02/23/2025 15:23	WG2456643
1,2,4-Trichlorobenzene	U		0.00491	0.0140	1	02/23/2025 15:23	WG2456643
1,1,1-Trichloroethane	U		0.00103	0.00279	1	02/23/2025 15:23	WG2456643
1,1,2-Trichloroethane	U		0.000666	0.00279	1	02/23/2025 15:23	WG2456643
Trichloroethene	U		0.000652	0.00112	1	02/23/2025 15:23	WG2456643
Trichlorofluoromethane	U		0.000923	0.00279	1	02/23/2025 15:23	WG2456643
1,2,3-Trichloropropane	U		0.00181	0.0140	1	02/23/2025 15:23	WG2456643
1,2,4-Trimethylbenzene	U		0.00176	0.00558	1	02/23/2025 15:23	WG2456643
1,2,3-Trimethylbenzene	U		0.00176	0.00558	1	02/23/2025 15:23	WG2456643
Vinyl chloride	U		0.00129	0.00279	1	02/23/2025 15:23	WG2456643
1,3,5-Trimethylbenzene	U		0.00223	0.00558	1	02/23/2025 15:23	WG2456643
Xylenes, Total	U		0.000982	0.00725	1	02/23/2025 15:23	WG2456643
(S) Toluene-d8	*104*			*75.0-131*		*02/23/2025 15:23*	WG2456643
(S) 4-Bromofluorobenzene	*95.2*			*67.0-138*		*02/23/2025 15:23*	WG2456643
(S) 1,2-Dichloroethane-d4	*87.8*			*70.0-130*		*02/23/2025 15:23*	WG2456643

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.67	4.23	1	02/28/2025 01:36	WG2458775
C22-C32 Hydrocarbons	2.82	J	2.67	4.23	1	02/28/2025 01:36	WG2458775
C32-C40 Hydrocarbons	U		2.67	4.23	1	02/28/2025 01:36	WG2458775
(S) o-Terphenyl	*66.6*			*18.0-148*		*02/28/2025 01:36*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00569	0.0352	1	02/28/2025 20:22	WG2458768
Acenaphthylene	U		0.00496	0.0352	1	02/28/2025 20:22	WG2458768
Anthracene	U		0.00627	0.0352	1	02/28/2025 20:22	WG2458768
Benzidine	U		0.0661	1.76	1	02/28/2025 20:22	WG2458768
Benzo(a)anthracene	U		0.00620	0.0352	1	02/28/2025 20:22	WG2458768
Benzo(b)fluoranthene	U		0.00656	0.0352	1	02/28/2025 20:22	WG2458768
Benzo(k)fluoranthene	U		0.00625	0.0352	1	02/28/2025 20:22	WG2458768
Benzo(g,h,i)perylene	U		0.00643	0.0352	1	02/28/2025 20:22	WG2458768
Benzo(a)pyrene	U		0.00654	0.0352	1	02/28/2025 20:22	WG2458768
Bis(2-chlorethoxy)methane	U		0.0106	0.352	1	02/28/2025 20:22	WG2458768
Bis(2-chloroethyl)ether	U		0.0116	0.352	1	02/28/2025 20:22	WG2458768
2,2-Oxybis(1-Chloropropane)	U		0.0152	0.352	1	02/28/2025 20:22	WG2458768
4-Bromophenyl-phenylether	U		0.0124	0.352	1	02/28/2025 20:22	WG2458768
2-Chloronaphthalene	U		0.00618	0.0352	1	02/28/2025 20:22	WG2458768
4-Chlorophenyl-phenylether	U		0.0123	0.352	1	02/28/2025 20:22	WG2458768
Chrysene	U		0.00699	0.0352	1	02/28/2025 20:22	WG2458768
Dibenz(a,h)anthracene	U		0.00975	0.0352	1	02/28/2025 20:22	WG2458768
3,3-Dichlorobenzidine	U		0.0130	0.352	1	02/28/2025 20:22	WG2458768
2,4-Dinitrotoluene	U		0.0101	0.352	1	02/28/2025 20:22	WG2458768
2,6-Dinitrotoluene	U		0.0115	0.352	1	02/28/2025 20:22	WG2458768
Fluoranthene	U		0.00635	0.0352	1	02/28/2025 20:22	WG2458768
Fluorene	U		0.00573	0.0352	1	02/28/2025 20:22	WG2458768
Hexachlorobenzene	U		0.0125	0.352	1	02/28/2025 20:22	WG2458768
Hexachloro-1,3-butadiene	U		0.0118	0.352	1	02/28/2025 20:22	WG2458768
Hexachlorocyclopentadiene	U	C3	0.0185	0.352	1	02/28/2025 20:22	WG2458768
Hexachloroethane	U		0.0138	0.352	1	02/28/2025 20:22	WG2458768
Indeno(1,2,3-cd)pyrene	U		0.00994	0.0352	1	02/28/2025 20:22	WG2458768
Isophorone	U		0.0108	0.352	1	02/28/2025 20:22	WG2458768
Naphthalene	U		0.00883	0.0352	1	02/28/2025 20:22	WG2458768
Nitrobenzene	U		0.0123	0.352	1	02/28/2025 20:22	WG2458768
n-Nitrosodimethylamine	U		0.0522	0.352	1	02/28/2025 20:22	WG2458768
n-Nitrosodiphenylamine	U		0.0266	0.352	1	02/28/2025 20:22	WG2458768
n-Nitrosodi-n-propylamine	U		0.0117	0.352	1	02/28/2025 20:22	WG2458768
Phenanthrene	U		0.00698	0.0352	1	02/28/2025 20:22	WG2458768
Benzylbutyl phthalate	U		0.0110	0.352	1	02/28/2025 20:22	WG2458768
Bis(2-ethylhexyl)phthalate	U		0.0446	0.352	1	02/28/2025 20:22	WG2458768
Di-n-butyl phthalate	U		0.0120	0.352	1	02/28/2025 20:22	WG2458768
Diethyl phthalate	U		0.0116	0.352	1	02/28/2025 20:22	WG2458768
Dimethyl phthalate	U		0.0746	0.352	1	02/28/2025 20:22	WG2458768
Di-n-octyl phthalate	U		0.0238	0.352	1	02/28/2025 20:22	WG2458768
Pyrene	U		0.00685	0.0352	1	02/28/2025 20:22	WG2458768
1,2,4-Trichlorobenzene	U		0.0110	0.352	1	02/28/2025 20:22	WG2458768
4-Chloro-3-methylphenol	U		0.0114	0.352	1	02/28/2025 20:22	WG2458768
2-Chlorophenol	U		0.0116	0.352	1	02/28/2025 20:22	WG2458768
2,4-Dichlorophenol	U		0.0102	0.352	1	02/28/2025 20:22	WG2458768
2,4-Dimethylphenol	U		0.00919	0.352	1	02/28/2025 20:22	WG2458768
4,6-Dinitro-2-methylphenol	U		0.0798	0.352	1	02/28/2025 20:22	WG2458768
2,4-Dinitrophenol	U		0.0823	0.352	1	02/28/2025 20:22	WG2458768

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0106	0.352	1	02/28/2025 20:22	WG2458768
3&4-Methyl Phenol	U		0.0110	0.352	1	02/28/2025 20:22	WG2458768
2-Nitrophenol	U		0.0126	0.352	1	02/28/2025 20:22	WG2458768
4-Nitrophenol	U		0.0110	0.352	1	02/28/2025 20:22	WG2458768
Pentachlorophenol	U	C3	0.00947	0.352	1	02/28/2025 20:22	WG2458768
Pyridine	U		0.0232	0.352	1	02/28/2025 20:22	WG2458768
2,4,5-Trichlorophenol	U		0.0119	0.352	1	02/28/2025 20:22	WG2458768
2,4,6-Trichlorophenol	U		0.0113	0.352	1	02/28/2025 20:22	WG2458768
Phenol	U		0.0142	0.352	1	02/28/2025 20:22	WG2458768
(S) 2-Fluorophenol	*62.5*			*12.0-120*		*02/28/2025 20:22*	WG2458768
(S) Phenol-d5	*59.8*			*10.0-120*		*02/28/2025 20:22*	WG2458768
(S) Nitrobenzene-d5	*55.0*			*10.0-122*		*02/28/2025 20:22*	WG2458768
(S) 2-Fluorobiphenyl	*60.9*			*15.0-120*		*02/28/2025 20:22*	WG2458768
(S) 2,4,6-Tribromophenol	*43.7*			*10.0-127*		*02/28/2025 20:22*	WG2458768
(S) p-Terphenyl-d14	*66.2*			*10.0-120*		*02/28/2025 20:22*	WG2458768

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.2		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0219	0.0425	1	02/23/2025 19:14	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.05	J	0.734	2.12	1	02/23/2025 09:22	WG2456234
Arsenic	1.75	J	0.889	2.12	1	02/23/2025 09:22	WG2456234
Barium	42.0		0.0902	0.531	1	02/23/2025 09:22	WG2456234
Beryllium	0.287		0.0506	0.212	1	02/23/2025 09:22	WG2456234
Cadmium	U		0.0693	0.531	1	02/23/2025 09:22	WG2456234
Chromium	12.4		0.227	1.06	1	02/23/2025 09:22	WG2456234
Cobalt	4.70		0.188	1.06	1	02/23/2025 09:22	WG2456234
Copper	6.90		0.379	2.12	1	02/23/2025 09:22	WG2456234
Lead	3.48		0.346	0.531	1	02/23/2025 09:22	WG2456234
Molybdenum	0.433	J	0.0180	0.531	1	02/23/2025 09:22	WG2456234
Nickel	4.43		0.212	2.12	1	02/23/2025 09:22	WG2456234
Selenium	U		1.14	2.12	1	02/23/2025 09:22	WG2456234
Silver	U		0.135	1.06	1	02/23/2025 09:22	WG2456234
Thallium	U		0.550	2.12	1	02/23/2025 09:22	WG2456234
Vanadium	28.1		0.407	2.12	1	02/23/2025 09:22	WG2456234
Zinc	25.2		1.03	5.31	1	02/23/2025 09:22	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.933	2.81	25	02/23/2025 21:51	WG2456577
(S) a,a,a-Trifluorotoluene(FID)	*95.2*			*77.0-120*		*02/23/2025 21:51*	WG2456577

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0410	0.0562	1	02/23/2025 15:43	WG2456643
Acrylonitrile	U		0.00406	0.0141	1	02/23/2025 15:43	WG2456643
Benzene	U		0.000525	0.00112	1	02/23/2025 15:43	WG2456643
Bromobenzene	U		0.00101	0.0141	1	02/23/2025 15:43	WG2456643
Bromodichloromethane	U		0.000815	0.00281	1	02/23/2025 15:43	WG2456643
Bromoform	U		0.00132	0.0281	1	02/23/2025 15:43	WG2456643
Bromomethane	0.00607	B J	0.00221	0.0141	1	02/23/2025 15:43	WG2456643
n-Butylbenzene	U		0.00590	0.0141	1	02/23/2025 15:43	WG2456643
sec-Butylbenzene	U		0.00324	0.0141	1	02/23/2025 15:43	WG2456643
tert-Butylbenzene	U		0.00219	0.00562	1	02/23/2025 15:43	WG2456643
Carbon tetrachloride	U		0.00101	0.00562	1	02/23/2025 15:43	WG2456643
Chlorobenzene	U		0.000236	0.00281	1	02/23/2025 15:43	WG2456643
Chlorodibromomethane	U		0.000688	0.00281	1	02/23/2025 15:43	WG2456643
Chloroethane	U		0.00191	0.00562	1	02/23/2025 15:43	WG2456643
Chloroform	U		0.00116	0.00281	1	02/23/2025 15:43	WG2456643
Chloromethane	U		0.00489	0.0141	1	02/23/2025 15:43	WG2456643
2-Chlorotoluene	U		0.000972	0.00281	1	02/23/2025 15:43	WG2456643

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000506	0.00562	1	02/23/2025 15:43	WG2456643
1,2-Dibromo-3-Chloropropane	U		0.00438	0.0281	1	02/23/2025 15:43	WG2456643
1,2-Dibromoethane	U		0.000728	0.00281	1	02/23/2025 15:43	WG2456643
Dibromomethane	U		0.000843	0.00562	1	02/23/2025 15:43	WG2456643
1,2-Dichlorobenzene	U		0.000478	0.00562	1	02/23/2025 15:43	WG2456643
1,3-Dichlorobenzene	U		0.000675	0.00562	1	02/23/2025 15:43	WG2456643
1,4-Dichlorobenzene	U		0.000787	0.00562	1	02/23/2025 15:43	WG2456643
Dichlorodifluoromethane	U		0.00181	0.00562	1	02/23/2025 15:43	WG2456643
1,1-Dichloroethane	U		0.000552	0.00281	1	02/23/2025 15:43	WG2456643
1,2-Dichloroethane	U		0.000730	0.00281	1	02/23/2025 15:43	WG2456643
1,1-Dichloroethene	U		0.000681	0.00281	1	02/23/2025 15:43	WG2456643
cis-1,2-Dichloroethene	U		0.000825	0.00281	1	02/23/2025 15:43	WG2456643
trans-1,2-Dichloroethene	U		0.00117	0.00562	1	02/23/2025 15:43	WG2456643
1,2-Dichloropropane	U		0.00160	0.00562	1	02/23/2025 15:43	WG2456643
1,1-Dichloropropene	U		0.000909	0.00281	1	02/23/2025 15:43	WG2456643
1,3-Dichloropropane	U		0.000563	0.00562	1	02/23/2025 15:43	WG2456643
cis-1,3-Dichloropropene	U		0.000851	0.00281	1	02/23/2025 15:43	WG2456643
trans-1,3-Dichloropropene	U		0.00128	0.00562	1	02/23/2025 15:43	WG2456643
2,2-Dichloropropane	U		0.00155	0.00281	1	02/23/2025 15:43	WG2456643
Di-isopropyl ether	U		0.000461	0.00112	1	02/23/2025 15:43	WG2456643
Ethylbenzene	U		0.000829	0.00281	1	02/23/2025 15:43	WG2456643
Hexachloro-1,3-butadiene	U	C3	0.00675	0.0281	1	02/23/2025 15:43	WG2456643
Isopropylbenzene	U		0.000478	0.00281	1	02/23/2025 15:43	WG2456643
p-Isopropyltoluene	U		0.00287	0.00562	1	02/23/2025 15:43	WG2456643
2-Butanone (MEK)	U		0.0714	0.112	1	02/23/2025 15:43	WG2456643
Methylene Chloride	U		0.00746	0.0281	1	02/23/2025 15:43	WG2456643
4-Methyl-2-pentanone (MIBK)	U		0.00256	0.0281	1	02/23/2025 15:43	WG2456643
Methyl tert-butyl ether	U		0.000393	0.00112	1	02/23/2025 15:43	WG2456643
Naphthalene	U		0.00549	0.0141	1	02/23/2025 15:43	WG2456643
n-Propylbenzene	U		0.00107	0.00562	1	02/23/2025 15:43	WG2456643
Styrene	U		0.000257	0.0141	1	02/23/2025 15:43	WG2456643
1,1,1,2-Tetrachloroethane	U		0.00107	0.00281	1	02/23/2025 15:43	WG2456643
1,1,2,2-Tetrachloroethane	U		0.000781	0.00281	1	02/23/2025 15:43	WG2456643
1,1,2-Trichlorotrifluoroethane	U		0.000848	0.00281	1	02/23/2025 15:43	WG2456643
Tetrachloroethene	U		0.00101	0.00281	1	02/23/2025 15:43	WG2456643
Toluene	U		0.00146	0.00562	1	02/23/2025 15:43	WG2456643
1,2,3-Trichlorobenzene	U	C3	0.00824	0.0141	1	02/23/2025 15:43	WG2456643
1,2,4-Trichlorobenzene	U		0.00495	0.0141	1	02/23/2025 15:43	WG2456643
1,1,1-Trichloroethane	U		0.00104	0.00281	1	02/23/2025 15:43	WG2456643
1,1,2-Trichloroethane	U		0.000671	0.00281	1	02/23/2025 15:43	WG2456643
Trichloroethene	U		0.000657	0.00112	1	02/23/2025 15:43	WG2456643
Trichlorofluoromethane	U		0.000930	0.00281	1	02/23/2025 15:43	WG2456643
1,2,3-Trichloropropane	U		0.00182	0.0141	1	02/23/2025 15:43	WG2456643
1,2,4-Trimethylbenzene	U		0.00178	0.00562	1	02/23/2025 15:43	WG2456643
1,2,3-Trimethylbenzene	U		0.00178	0.00562	1	02/23/2025 15:43	WG2456643
Vinyl chloride	U		0.00130	0.00281	1	02/23/2025 15:43	WG2456643
1,3,5-Trimethylbenzene	U		0.00225	0.00562	1	02/23/2025 15:43	WG2456643
Xylenes, Total	U		0.000989	0.00731	1	02/23/2025 15:43	WG2456643
(S) Toluene-d8	*102*			*75.0-131*		*02/23/2025 15:43*	WG2456643
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*02/23/2025 15:43*	WG2456643
(S) 1,2-Dichloroethane-d4	*91.0*			*70.0-130*		*02/23/2025 15:43*	WG2456643

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.69	4.25	1	02/27/2025 20:55	WG2458775
C22-C32 Hydrocarbons	U		2.69	4.25	1	02/27/2025 20:55	WG2458775
C32-C40 Hydrocarbons	U		2.69	4.25	1	02/27/2025 20:55	WG2458775
(S) o-Terphenyl	*65.2*			*18.0-148*		*02/27/2025 20:55*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00572	0.0354	1	02/28/2025 20:43	WG2458768
Acenaphthylene	U		0.00498	0.0354	1	02/28/2025 20:43	WG2458768
Anthracene	U		0.00630	0.0354	1	02/28/2025 20:43	WG2458768
Benzidine	U		0.0665	1.77	1	02/28/2025 20:43	WG2458768
Benzo(a)anthracene	U		0.00623	0.0354	1	02/28/2025 20:43	WG2458768
Benzo(b)fluoranthene	U		0.00659	0.0354	1	02/28/2025 20:43	WG2458768
Benzo(k)fluoranthene	U		0.00629	0.0354	1	02/28/2025 20:43	WG2458768
Benzo(g,h,i)perylene	U		0.00647	0.0354	1	02/28/2025 20:43	WG2458768
Benzo(a)pyrene	U		0.00657	0.0354	1	02/28/2025 20:43	WG2458768
Bis(2-chlorethoxy)methane	U		0.0106	0.354	1	02/28/2025 20:43	WG2458768
Bis(2-chloroethyl)ether	U		0.0117	0.354	1	02/28/2025 20:43	WG2458768
2,2-Oxybis(1-Chloropropane)	U		0.0153	0.354	1	02/28/2025 20:43	WG2458768
4-Bromophenyl-phenylether	U		0.0124	0.354	1	02/28/2025 20:43	WG2458768
2-Chloronaphthalene	U		0.00621	0.0354	1	02/28/2025 20:43	WG2458768
4-Chlorophenyl-phenylether	U		0.0123	0.354	1	02/28/2025 20:43	WG2458768
Chrysene	U		0.00703	0.0354	1	02/28/2025 20:43	WG2458768
Dibenz(a,h)anthracene	U		0.00980	0.0354	1	02/28/2025 20:43	WG2458768
3,3-Dichlorobenzidine	U		0.0131	0.354	1	02/28/2025 20:43	WG2458768
2,4-Dinitrotoluene	U		0.0101	0.354	1	02/28/2025 20:43	WG2458768
2,6-Dinitrotoluene	U		0.0116	0.354	1	02/28/2025 20:43	WG2458768
Fluoranthene	U		0.00638	0.0354	1	02/28/2025 20:43	WG2458768
Fluorene	U		0.00575	0.0354	1	02/28/2025 20:43	WG2458768
Hexachlorobenzene	U		0.0125	0.354	1	02/28/2025 20:43	WG2458768
Hexachloro-1,3-butadiene	U		0.0119	0.354	1	02/28/2025 20:43	WG2458768
Hexachlorocyclopentadiene	U	C3	0.0186	0.354	1	02/28/2025 20:43	WG2458768
Hexachloroethane	U		0.0139	0.354	1	02/28/2025 20:43	WG2458768
Indeno(1,2,3-cd)pyrene	U		0.00999	0.0354	1	02/28/2025 20:43	WG2458768
Isophorone	U		0.0108	0.354	1	02/28/2025 20:43	WG2458768
Naphthalene	U		0.00888	0.0354	1	02/28/2025 20:43	WG2458768
Nitrobenzene	U		0.0123	0.354	1	02/28/2025 20:43	WG2458768
n-Nitrosodimethylamine	U		0.0524	0.354	1	02/28/2025 20:43	WG2458768
n-Nitrosodiphenylamine	U		0.0268	0.354	1	02/28/2025 20:43	WG2458768
n-Nitrosodi-n-propylamine	U		0.0118	0.354	1	02/28/2025 20:43	WG2458768
Phenanthrene	U		0.00702	0.0354	1	02/28/2025 20:43	WG2458768
Benzylbutyl phthalate	U		0.0110	0.354	1	02/28/2025 20:43	WG2458768
Bis(2-ethylhexyl)phthalate	U		0.0448	0.354	1	02/28/2025 20:43	WG2458768
Di-n-butyl phthalate	U		0.0121	0.354	1	02/28/2025 20:43	WG2458768
Diethyl phthalate	U		0.0117	0.354	1	02/28/2025 20:43	WG2458768
Dimethyl phthalate	U		0.0750	0.354	1	02/28/2025 20:43	WG2458768
Di-n-octyl phthalate	U		0.0239	0.354	1	02/28/2025 20:43	WG2458768
Pyrene	U		0.00688	0.0354	1	02/28/2025 20:43	WG2458768
1,2,4-Trichlorobenzene	U		0.0110	0.354	1	02/28/2025 20:43	WG2458768
4-Chloro-3-methylphenol	U		0.0115	0.354	1	02/28/2025 20:43	WG2458768
2-Chlorophenol	U		0.0117	0.354	1	02/28/2025 20:43	WG2458768
2,4-Dichlorophenol	U		0.0103	0.354	1	02/28/2025 20:43	WG2458768
2,4-Dimethylphenol	U		0.00924	0.354	1	02/28/2025 20:43	WG2458768
4,6-Dinitro-2-methylphenol	U		0.0802	0.354	1	02/28/2025 20:43	WG2458768
2,4-Dinitrophenol	U		0.0827	0.354	1	02/28/2025 20:43	WG2458768

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0106	0.354	1	02/28/2025 20:43	WG2458768
3&4-Methyl Phenol	U		0.0110	0.354	1	02/28/2025 20:43	WG2458768
2-Nitrophenol	U		0.0126	0.354	1	02/28/2025 20:43	WG2458768
4-Nitrophenol	U		0.0110	0.354	1	02/28/2025 20:43	WG2458768
Pentachlorophenol	U	C3	0.00951	0.354	1	02/28/2025 20:43	WG2458768
Pyridine	U		0.0234	0.354	1	02/28/2025 20:43	WG2458768
2,4,5-Trichlorophenol	U		0.0120	0.354	1	02/28/2025 20:43	WG2458768
2,4,6-Trichlorophenol	U		0.0114	0.354	1	02/28/2025 20:43	WG2458768
Phenol	U		0.0142	0.354	1	02/28/2025 20:43	WG2458768
(S) 2-Fluorophenol	*65.2*			*12.0-120*		*02/28/2025 20:43*	WG2458768
(S) Phenol-d5	*60.9*			*10.0-120*		*02/28/2025 20:43*	WG2458768
(S) Nitrobenzene-d5	*55.6*			*10.0-122*		*02/28/2025 20:43*	WG2458768
(S) 2-Fluorobiphenyl	*60.6*			*15.0-120*		*02/28/2025 20:43*	WG2458768
(S) 2,4,6-Tribromophenol	*50.8*			*10.0-127*		*02/28/2025 20:43*	WG2458768
(S) p-Terphenyl-d14	*65.6*			*10.0-120*		*02/28/2025 20:43*	WG2458768

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.9		1	02/22/2025 11:00	WG2456123

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0215	0.0417	1	02/23/2025 19:16	WG2455969

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.720	2.08	1	02/23/2025 09:24	WG2456234
Arsenic	2.05	J	0.872	2.08	1	02/23/2025 09:24	WG2456234
Barium	25.4		0.0886	0.521	1	02/23/2025 09:24	WG2456234
Beryllium	0.247		0.0497	0.208	1	02/23/2025 09:24	WG2456234
Cadmium	U		0.0681	0.521	1	02/23/2025 09:24	WG2456234
Chromium	7.37		0.223	1.04	1	02/23/2025 09:24	WG2456234
Cobalt	3.22		0.184	1.04	1	02/23/2025 09:24	WG2456234
Copper	7.48		0.372	2.08	1	02/23/2025 09:24	WG2456234
Lead	3.36		0.340	0.521	1	02/23/2025 09:24	WG2456234
Molybdenum	0.278	J	0.0177	0.521	1	02/23/2025 09:24	WG2456234
Nickel	3.66		0.208	2.08	1	02/23/2025 09:24	WG2456234
Selenium	U		1.12	2.08	1	02/23/2025 09:24	WG2456234
Silver	U		0.132	1.04	1	02/23/2025 09:24	WG2456234
Thallium	U		0.540	2.08	1	02/23/2025 09:24	WG2456234
Vanadium	18.6		0.399	2.08	1	02/23/2025 09:24	WG2456234
Zinc	17.9		1.02	5.21	1	02/23/2025 09:24	WG2456234

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	0.968	J	0.911	2.74	25.3	02/24/2025 14:32	WG2456803
(S) a,a,a-Trifluorotoluene(FID)	*97.4*			*77.0-120*		*02/24/2025 14:32*	WG2456803

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0400	0.0548	1.01	02/23/2025 16:03	WG2456643
Acrylonitrile	U		0.00396	0.0137	1.01	02/23/2025 16:03	WG2456643
Benzene	U		0.000512	0.00110	1.01	02/23/2025 16:03	WG2456643
Bromobenzene	U		0.000986	0.0137	1.01	02/23/2025 16:03	WG2456643
Bromodichloromethane	U		0.000794	0.00274	1.01	02/23/2025 16:03	WG2456643
Bromoform	U		0.00128	0.0274	1.01	02/23/2025 16:03	WG2456643
Bromomethane	0.00391	B J	0.00216	0.0137	1.01	02/23/2025 16:03	WG2456643
n-Butylbenzene	U		0.00575	0.0137	1.01	02/23/2025 16:03	WG2456643
sec-Butylbenzene	U		0.00316	0.0137	1.01	02/23/2025 16:03	WG2456643
tert-Butylbenzene	U		0.00214	0.00548	1.01	02/23/2025 16:03	WG2456643
Carbon tetrachloride	U		0.000983	0.00548	1.01	02/23/2025 16:03	WG2456643
Chlorobenzene	U		0.000230	0.00274	1.01	02/23/2025 16:03	WG2456643
Chlorodibromomethane	U		0.000670	0.00274	1.01	02/23/2025 16:03	WG2456643
Chloroethane	U		0.00186	0.00548	1.01	02/23/2025 16:03	WG2456643
Chloroform	U		0.00113	0.00274	1.01	02/23/2025 16:03	WG2456643
Chloromethane	U		0.00476	0.0137	1.01	02/23/2025 16:03	WG2456643
2-Chlorotoluene	U		0.000948	0.00274	1.01	02/23/2025 16:03	WG2456643

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorotoluene	U		0.000493	0.00548	1.01	02/23/2025 16:03	WG2456643
1,2-Dibromo-3-Chloropropane	U		0.00427	0.0274	1.01	02/23/2025 16:03	WG2456643
1,2-Dibromoethane	U		0.000709	0.00274	1.01	02/23/2025 16:03	WG2456643
Dibromomethane	U		0.000821	0.00548	1.01	02/23/2025 16:03	WG2456643
1,2-Dichlorobenzene	U		0.000465	0.00548	1.01	02/23/2025 16:03	WG2456643
1,3-Dichlorobenzene	U		0.000657	0.00548	1.01	02/23/2025 16:03	WG2456643
1,4-Dichlorobenzene	U		0.000767	0.00548	1.01	02/23/2025 16:03	WG2456643
Dichlorodifluoromethane	U		0.00177	0.00548	1.01	02/23/2025 16:03	WG2456643
1,1-Dichloroethane	U		0.000538	0.00274	1.01	02/23/2025 16:03	WG2456643
1,2-Dichloroethane	U		0.000710	0.00274	1.01	02/23/2025 16:03	WG2456643
1,1-Dichloroethene	U		0.000664	0.00274	1.01	02/23/2025 16:03	WG2456643
cis-1,2-Dichloroethene	U		0.000803	0.00274	1.01	02/23/2025 16:03	WG2456643
trans-1,2-Dichloroethene	U		0.00114	0.00548	1.01	02/23/2025 16:03	WG2456643
1,2-Dichloropropane	U		0.00155	0.00548	1.01	02/23/2025 16:03	WG2456643
1,1-Dichloropropene	U		0.000886	0.00274	1.01	02/23/2025 16:03	WG2456643
1,3-Dichloropropane	U		0.000549	0.00548	1.01	02/23/2025 16:03	WG2456643
cis-1,3-Dichloropropene	U		0.000829	0.00274	1.01	02/23/2025 16:03	WG2456643
trans-1,3-Dichloropropene	U		0.00125	0.00548	1.01	02/23/2025 16:03	WG2456643
2,2-Dichloropropane	U		0.00151	0.00274	1.01	02/23/2025 16:03	WG2456643
Di-isopropyl ether	U		0.000449	0.00110	1.01	02/23/2025 16:03	WG2456643
Ethylbenzene	U		0.000807	0.00274	1.01	02/23/2025 16:03	WG2456643
Hexachloro-1,3-butadiene	U	C3	0.00657	0.0274	1.01	02/23/2025 16:03	WG2456643
Isopropylbenzene	U		0.000465	0.00274	1.01	02/23/2025 16:03	WG2456643
p-Isopropyltoluene	U		0.00280	0.00548	1.01	02/23/2025 16:03	WG2456643
2-Butanone (MEK)	U		0.0695	0.110	1.01	02/23/2025 16:03	WG2456643
Methylene Chloride	U		0.00728	0.0274	1.01	02/23/2025 16:03	WG2456643
4-Methyl-2-pentanone (MIBK)	U		0.00249	0.0274	1.01	02/23/2025 16:03	WG2456643
Methyl tert-butyl ether	U		0.000383	0.00110	1.01	02/23/2025 16:03	WG2456643
Naphthalene	U		0.00535	0.0137	1.01	02/23/2025 16:03	WG2456643
n-Propylbenzene	U		0.00104	0.00548	1.01	02/23/2025 16:03	WG2456643
Styrene	U		0.000250	0.0137	1.01	02/23/2025 16:03	WG2456643
1,1,1,2-Tetrachloroethane	U		0.00104	0.00274	1.01	02/23/2025 16:03	WG2456643
1,1,2,2-Tetrachloroethane	U		0.000761	0.00274	1.01	02/23/2025 16:03	WG2456643
1,1,2-Trichlorotrifluoroethane	U		0.000826	0.00274	1.01	02/23/2025 16:03	WG2456643
Tetrachloroethene	U		0.000981	0.00274	1.01	02/23/2025 16:03	WG2456643
Toluene	U		0.00142	0.00548	1.01	02/23/2025 16:03	WG2456643
1,2,3-Trichlorobenzene	U	C3	0.00802	0.0137	1.01	02/23/2025 16:03	WG2456643
1,2,4-Trichlorobenzene	U		0.00481	0.0137	1.01	02/23/2025 16:03	WG2456643
1,1,1-Trichloroethane	U		0.00101	0.00274	1.01	02/23/2025 16:03	WG2456643
1,1,2-Trichloroethane	U		0.000654	0.00274	1.01	02/23/2025 16:03	WG2456643
Trichloroethene	U		0.000640	0.00110	1.01	02/23/2025 16:03	WG2456643
Trichlorofluoromethane	U		0.000905	0.00274	1.01	02/23/2025 16:03	WG2456643
1,2,3-Trichloropropane	U		0.00178	0.0137	1.01	02/23/2025 16:03	WG2456643
1,2,4-Trimethylbenzene	U		0.00173	0.00548	1.01	02/23/2025 16:03	WG2456643
1,2,3-Trimethylbenzene	U		0.00173	0.00548	1.01	02/23/2025 16:03	WG2456643
Vinyl chloride	U		0.00127	0.00274	1.01	02/23/2025 16:03	WG2456643
1,3,5-Trimethylbenzene	U		0.00219	0.00548	1.01	02/23/2025 16:03	WG2456643
Xylenes, Total	U		0.000964	0.00711	1.01	02/23/2025 16:03	WG2456643
(S) Toluene-d8	*104*			*75.0-131*		*02/23/2025 16:03*	WG2456643
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*02/23/2025 16:03*	WG2456643
(S) 1,2-Dichloroethane-d4	*86.7*			*70.0-130*		*02/23/2025 16:03*	WG2456643

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.64	4.17	1	02/27/2025 21:10	WG2458775
C22-C32 Hydrocarbons	U		2.64	4.17	1	02/27/2025 21:10	WG2458775
C32-C40 Hydrocarbons	U		2.64	4.17	1	02/27/2025 21:10	WG2458775
(S) o-Terphenyl	*75.2*			*18.0-148*		*02/27/2025 21:10*	WG2458775

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00562	0.0347	1	02/28/2025 21:04	WG2458768
Acenaphthylene	U		0.00489	0.0347	1	02/28/2025 21:04	WG2458768
Anthracene	U		0.00618	0.0347	1	02/28/2025 21:04	WG2458768
Benzidine	U		0.0653	1.74	1	02/28/2025 21:04	WG2458768
Benzo(a)anthracene	U		0.00612	0.0347	1	02/28/2025 21:04	WG2458768
Benzo(b)fluoranthene	U		0.00647	0.0347	1	02/28/2025 21:04	WG2458768
Benzo(k)fluoranthene	U		0.00617	0.0347	1	02/28/2025 21:04	WG2458768
Benzo(g,h,i)perylene	U		0.00635	0.0347	1	02/28/2025 21:04	WG2458768
Benzo(a)pyrene	U		0.00645	0.0347	1	02/28/2025 21:04	WG2458768
Bis(2-chlorethoxy)methane	U		0.0104	0.347	1	02/28/2025 21:04	WG2458768
Bis(2-chloroethyl)ether	U		0.0115	0.347	1	02/28/2025 21:04	WG2458768
2,2-Oxybis(1-Chloropropane)	U		0.0150	0.347	1	02/28/2025 21:04	WG2458768
4-Bromophenyl-phenylether	U		0.0122	0.347	1	02/28/2025 21:04	WG2458768
2-Chloronaphthalene	U		0.00610	0.0347	1	02/28/2025 21:04	WG2458768
4-Chlorophenyl-phenylether	U		0.0121	0.347	1	02/28/2025 21:04	WG2458768
Chrysene	U		0.00690	0.0347	1	02/28/2025 21:04	WG2458768
Dibenz(a,h)anthracene	U		0.00962	0.0347	1	02/28/2025 21:04	WG2458768
3,3-Dichlorobenzidine	U		0.0128	0.347	1	02/28/2025 21:04	WG2458768
2,4-Dinitrotoluene	U		0.00995	0.347	1	02/28/2025 21:04	WG2458768
2,6-Dinitrotoluene	U		0.0114	0.347	1	02/28/2025 21:04	WG2458768
Fluoranthene	U		0.00626	0.0347	1	02/28/2025 21:04	WG2458768
Fluorene	U		0.00565	0.0347	1	02/28/2025 21:04	WG2458768
Hexachlorobenzene	U		0.0123	0.347	1	02/28/2025 21:04	WG2458768
Hexachloro-1,3-butadiene	U		0.0117	0.347	1	02/28/2025 21:04	WG2458768
Hexachlorocyclopentadiene	U	C3	0.0182	0.347	1	02/28/2025 21:04	WG2458768
Hexachloroethane	U		0.0137	0.347	1	02/28/2025 21:04	WG2458768
Indeno(1,2,3-cd)pyrene	U		0.00981	0.0347	1	02/28/2025 21:04	WG2458768
Isophorone	U		0.0106	0.347	1	02/28/2025 21:04	WG2458768
Naphthalene	U		0.00871	0.0347	1	02/28/2025 21:04	WG2458768
Nitrobenzene	U		0.0121	0.347	1	02/28/2025 21:04	WG2458768
n-Nitrosodimethylamine	U		0.0515	0.347	1	02/28/2025 21:04	WG2458768
n-Nitrosodiphenylamine	U		0.0263	0.347	1	02/28/2025 21:04	WG2458768
n-Nitrosodi-n-propylamine	U		0.0116	0.347	1	02/28/2025 21:04	WG2458768
Phenanthrene	U		0.00689	0.0347	1	02/28/2025 21:04	WG2458768
Benzylbutyl phthalate	U		0.0108	0.347	1	02/28/2025 21:04	WG2458768
Bis(2-ethylhexyl)phthalate	U		0.0440	0.347	1	02/28/2025 21:04	WG2458768
Di-n-butyl phthalate	U		0.0119	0.347	1	02/28/2025 21:04	WG2458768
Diethyl phthalate	U		0.0115	0.347	1	02/28/2025 21:04	WG2458768
Dimethyl phthalate	U		0.0736	0.347	1	02/28/2025 21:04	WG2458768
Di-n-octyl phthalate	U		0.0235	0.347	1	02/28/2025 21:04	WG2458768
Pyrene	U		0.00675	0.0347	1	02/28/2025 21:04	WG2458768
1,2,4-Trichlorobenzene	U		0.0108	0.347	1	02/28/2025 21:04	WG2458768
4-Chloro-3-methylphenol	U		0.0113	0.347	1	02/28/2025 21:04	WG2458768
2-Chlorophenol	U		0.0115	0.347	1	02/28/2025 21:04	WG2458768
2,4-Dichlorophenol	U		0.0101	0.347	1	02/28/2025 21:04	WG2458768
2,4-Dimethylphenol	U		0.00907	0.347	1	02/28/2025 21:04	WG2458768
4,6-Dinitro-2-methylphenol	U		0.0787	0.347	1	02/28/2025 21:04	WG2458768
2,4-Dinitrophenol	U		0.0812	0.347	1	02/28/2025 21:04	WG2458768

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Methylphenol	U		0.0104	0.347	1	02/28/2025 21:04	WG2458768
3&4-Methyl Phenol	U		0.0108	0.347	1	02/28/2025 21:04	WG2458768
2-Nitrophenol	U		0.0124	0.347	1	02/28/2025 21:04	WG2458768
4-Nitrophenol	U		0.0108	0.347	1	02/28/2025 21:04	WG2458768
Pentachlorophenol	U	C3	0.00934	0.347	1	02/28/2025 21:04	WG2458768
Pyridine	U		0.0229	0.347	1	02/28/2025 21:04	WG2458768
2,4,5-Trichlorophenol	U		0.0118	0.347	1	02/28/2025 21:04	WG2458768
2,4,6-Trichlorophenol	U		0.0112	0.347	1	02/28/2025 21:04	WG2458768
Phenol	U		0.0140	0.347	1	02/28/2025 21:04	WG2458768
(S) 2-Fluorophenol	*69.8*			*12.0-120*		*02/28/2025 21:04*	WG2458768
(S) Phenol-d5	*64.3*			*10.0-120*		*02/28/2025 21:04*	WG2458768
(S) Nitrobenzene-d5	*57.4*			*10.0-122*		*02/28/2025 21:04*	WG2458768
(S) 2-Fluorobiphenyl	*63.8*			*15.0-120*		*02/28/2025 21:04*	WG2458768
(S) 2,4,6-Tribromophenol	*48.0*			*10.0-127*		*02/28/2025 21:04*	WG2458768
(S) p-Terphenyl-d14	*68.4*			*10.0-120*		*02/28/2025 21:04*	WG2458768

Method Blank (MB)

(MB) R4179381-1 02/22/25 10:42

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1828473-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1828473-01 02/22/25 10:42 • (DUP) R4179381-3 02/22/25 10:42

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	94.8	93.7	1	1.18		10

Laboratory Control Sample (LCS)

(LCS) R4179381-2 02/22/25 10:42

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4179386-1 02/22/25 11:00

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1828473-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1828473-19 02/22/25 11:00 • (DUP) R4179386-3 02/22/25 11:00

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	94.1	93.3	1	0.839		10

Laboratory Control Sample (LCS)

(LCS) R4179386-2 02/22/25 11:00

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4179325-1 02/23/25 18:02

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0206	0.0400

Laboratory Control Sample (LCS)

(LCS) R4179325-2 02/23/25 18:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.480	95.9	80.0-120	

L1828473-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1828473-01 02/23/25 18:08 • (MS) R4179325-4 02/23/25 18:13 • (MSD) R4179325-5 02/23/25 18:15

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.527	U	0.509	0.544	96.5	103	1	75.0-125			6.59	20

Method Blank (MB)

(MB) R4179284-1 02/23/25 08:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Antimony	U		0.691	2.00
Arsenic	U		0.837	2.00
Barium	U		0.0850	0.500
Beryllium	U		0.0477	0.200
Cadmium	U		0.0653	0.500
Chromium	U		0.214	1.00
Cobalt	U		0.177	1.00
Copper	U		0.357	2.00
Lead	U		0.326	0.500
Molybdenum	U		0.0170	0.500
Nickel	U		0.200	2.00
Selenium	U		1.07	2.00
Silver	U		0.127	1.00
Thallium	U		0.518	2.00
Vanadium	U		0.383	2.00
Zinc	U		0.974	5.00

Laboratory Control Sample (LCS)

(LCS) R4179284-2 02/23/25 08:41

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	100	100	100	80.0-120	
Arsenic	100	100	100	80.0-120	
Barium	100	103	103	80.0-120	
Beryllium	100	104	104	80.0-120	
Cadmium	100	98.9	98.9	80.0-120	
Chromium	100	103	103	80.0-120	
Cobalt	100	97.5	97.5	80.0-120	
Copper	100	106	106	80.0-120	
Lead	100	98.5	98.5	80.0-120	
Molybdenum	100	103	103	80.0-120	
Nickel	100	97.5	97.5	80.0-120	
Selenium	100	98.0	98.0	80.0-120	
Silver	20.0	22.2	111	80.0-120	
Thallium	100	102	102	80.0-120	
Vanadium	100	101	101	80.0-120	
Zinc	100	101	101	80.0-120	

L1828473-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1828473-01 02/23/25 08:43 • (MS) R4179284-5 02/23/25 08:48 • (MSD) R4179284-6 02/23/25 08:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	105	0.805	92.2	92.2	86.7	86.7	1	75.0-125			0.00908	20
Arsenic	105	3.22	104	106	95.1	97.1	1	75.0-125			1.93	20
Barium	105	68.5	157	185	83.6	111	1	75.0-125			16.7	20
Beryllium	105	0.278	103	106	97.5	100	1	75.0-125			2.74	20
Cadmium	105	U	101	104	96.0	98.8	1	75.0-125			2.83	20
Chromium	105	9.85	112	115	96.8	99.5	1	75.0-125			2.47	20
Cobalt	105	5.44	108	109	96.9	98.6	1	75.0-125			1.70	20
Copper	105	8.77	113	117	99.3	102	1	75.0-125			2.78	20
Lead	105	4.19	106	108	96.4	98.5	1	75.0-125			2.07	20
Molybdenum	105	0.254	103	105	97.2	99.4	1	75.0-125			2.30	20
Nickel	105	6.24	109	111	97.1	99.2	1	75.0-125			2.01	20
Selenium	105	U	100	103	94.8	97.4	1	75.0-125			2.75	20
Silver	21.1	U	22.4	23.0	106	109	1	75.0-125			2.83	20
Thallium	105	U	102	105	96.8	100	1	75.0-125			3.20	20
Vanadium	105	29.7	129	131	94.2	96.4	1	75.0-125			1.76	20
Zinc	105	26.3	126	128	94.6	96.5	1	75.0-125			1.55	20

Method Blank (MB)

(MB) R4179647-3 02/23/25 10:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		0.830	2.50
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179647-1 02/23/25 09:18 • (LCSD) R4179647-2 02/23/25 09:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	5.00	4.87	5.00	97.4	100	72.0-125			2.63	20
(S) a,a,a-Trifluorotoluene(FID)				*101*	*98.9*	*77.0-120*				

Method Blank (MB)

(MB) R4179989-2 02/24/25 12:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		0.830	2.50
(S) a,a,a-Trifluorotoluene(FID)	*98.9*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179989-1 02/24/25 11:22 • (LCSD) R4179989-3 02/24/25 17:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	5.00	6.04	5.67	121	113	72.0-125			6.32	20
(S) a,a,a-Trifluorotoluene(FID)				*106*	*108*	*77.0-120*				

Method Blank (MB)

(MB) R4179974-2 02/23/25 11:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4179974-2 02/23/25 11:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
Vinyl chloride	U		0.00116	0.00250
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*94.3*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179974-1 02/23/25 10:04 • (LCSD) R4179974-3 02/23/25 11:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.775	0.848	124	136	10.0-160			9.00	31
Acrylonitrile	0.625	0.877	0.836	140	134	45.0-153			4.79	22
Benzene	0.125	0.118	0.107	94.4	85.6	70.0-123			9.78	20
Bromobenzene	0.125	0.111	0.112	88.8	89.6	73.0-121			0.897	20
Bromodichloromethane	0.125	0.123	0.108	98.4	86.4	73.0-121			13.0	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179974-1 02/23/25 10:04 • (LCSD) R4179974-3 02/23/25 11:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.106	0.0912	84.8	73.0	64.0-132			15.0	20
Bromomethane	0.125	0.0961	0.0874	76.9	69.9	56.0-147			9.48	20
n-Butylbenzene	0.125	0.115	0.107	92.0	85.6	68.0-135			7.21	20
sec-Butylbenzene	0.125	0.118	0.108	94.4	86.4	74.0-130			8.85	20
tert-Butylbenzene	0.125	0.115	0.106	92.0	84.8	75.0-127			8.14	20
Carbon tetrachloride	0.125	0.100	0.0891	80.0	71.3	66.0-128			11.5	20
Chlorobenzene	0.125	0.110	0.105	88.0	84.0	76.0-128			4.65	20
Chlorodibromomethane	0.125	0.114	0.104	91.2	83.2	74.0-127			9.17	20
Chloroethane	0.125	0.115	0.0986	92.0	78.9	61.0-134			15.4	20
Chloroform	0.125	0.116	0.111	92.8	88.8	72.0-123			4.41	20
Chloromethane	0.125	0.109	0.102	87.2	81.6	51.0-138			6.64	20
2-Chlorotoluene	0.125	0.116	0.114	92.8	91.2	75.0-124			1.74	20
4-Chlorotoluene	0.125	0.127	0.122	102	97.6	75.0-124			4.02	20
1,2-Dibromo-3-Chloropropane	0.125	0.108	0.0940	86.4	75.2	59.0-130			13.9	20
1,2-Dibromoethane	0.125	0.123	0.116	98.4	92.8	74.0-128			5.86	20
Dibromomethane	0.125	0.128	0.118	102	94.4	75.0-122			8.13	20
1,2-Dichlorobenzene	0.125	0.116	0.115	92.8	92.0	76.0-124			0.866	20
1,3-Dichlorobenzene	0.125	0.108	0.106	86.4	84.8	76.0-125			1.87	20
1,4-Dichlorobenzene	0.125	0.119	0.112	95.2	89.6	77.0-121			6.06	20
Dichlorodifluoromethane	0.125	0.0927	0.0778	74.2	62.2	43.0-156			17.5	20
1,1-Dichloroethane	0.125	0.119	0.108	95.2	86.4	70.0-127			9.69	20
1,2-Dichloroethane	0.125	0.121	0.118	96.8	94.4	65.0-131			2.51	20
1,1-Dichloroethene	0.125	0.105	0.0929	84.0	74.3	65.0-131			12.2	20
cis-1,2-Dichloroethene	0.125	0.119	0.112	95.2	89.6	73.0-125			6.06	20
trans-1,2-Dichloroethene	0.125	0.102	0.0946	81.6	75.7	71.0-125			7.53	20
1,2-Dichloropropane	0.125	0.131	0.119	105	95.2	74.0-125			9.60	20
1,1-Dichloropropene	0.125	0.130	0.113	104	90.4	73.0-125			14.0	20
1,3-Dichloropropane	0.125	0.121	0.115	96.8	92.0	80.0-125			5.08	20
cis-1,3-Dichloropropene	0.125	0.131	0.116	105	92.8	76.0-127			12.1	20
trans-1,3-Dichloropropene	0.125	0.115	0.108	92.0	86.4	73.0-127			6.28	20
2,2-Dichloropropane	0.125	0.124	0.115	99.2	92.0	59.0-135			7.53	20
Di-isopropyl ether	0.125	0.132	0.126	106	101	60.0-136			4.65	20
Ethylbenzene	0.125	0.113	0.106	90.4	84.8	74.0-126			6.39	20
Hexachloro-1,3-butadiene	0.125	0.101	0.0874	80.8	69.9	57.0-150			14.4	20
Isopropylbenzene	0.125	0.0996	0.0940	79.7	75.2	72.0-127			5.79	20
p-Isopropyltoluene	0.125	0.105	0.0974	84.0	77.9	72.0-133			7.51	20
2-Butanone (MEK)	0.625	0.776	0.811	124	130	30.0-160			4.41	24
Methylene Chloride	0.125	0.115	0.108	92.0	86.4	68.0-123			6.28	20
4-Methyl-2-pentanone (MIBK)	0.625	0.726	0.707	116	113	56.0-143			2.65	20
Methyl tert-butyl ether	0.125	0.114	0.110	91.2	88.0	66.0-132			3.57	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179974-1 02/23/25 10:04 • (LCSD) R4179974-3 02/23/25 11:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.108	0.101	86.4	80.8	59.0-130			6.70	20
n-Propylbenzene	0.125	0.122	0.115	97.6	92.0	74.0-126			5.91	20
Styrene	0.125	0.111	0.103	88.8	82.4	72.0-127			7.48	20
1,1,1,2-Tetrachloroethane	0.125	0.106	0.102	84.8	81.6	74.0-129			3.85	20
1,1,2,2-Tetrachloroethane	0.125	0.115	0.114	92.0	91.2	68.0-128			0.873	20
1,1,2-Trichlorotrifluoroethane	0.125	0.105	0.0896	84.0	71.7	61.0-139			15.8	20
Tetrachloroethene	0.125	0.102	0.0976	81.6	78.1	70.0-136			4.41	20
Toluene	0.125	0.112	0.105	89.6	84.0	75.0-121			6.45	20
1,2,3-Trichlorobenzene	0.125	0.0940	0.0839	75.2	67.1	59.0-139			11.4	20
1,2,4-Trichlorobenzene	0.125	0.0998	0.0879	79.8	70.3	62.0-137			12.7	20
1,1,1-Trichloroethane	0.125	0.106	0.0985	84.8	78.8	69.0-126			7.33	20
1,1,2-Trichloroethane	0.125	0.117	0.114	93.6	91.2	78.0-123			2.60	20
Trichloroethene	0.125	0.115	0.104	92.0	83.2	76.0-126			10.0	20
Trichlorofluoromethane	0.125	0.102	0.0939	81.6	75.1	61.0-142			8.27	20
1,2,3-Trichloropropane	0.125	0.122	0.111	97.6	88.8	67.0-129			9.44	20
1,2,4-Trimethylbenzene	0.125	0.114	0.110	91.2	88.0	70.0-126			3.57	20
1,2,3-Trimethylbenzene	0.125	0.114	0.109	91.2	87.2	74.0-124			4.48	20
Vinyl chloride	0.125	0.0982	0.0863	78.6	69.0	63.0-134			12.9	20
1,3,5-Trimethylbenzene	0.125	0.108	0.105	86.4	84.0	73.0-127			2.82	20
Xylenes, Total	0.375	0.353	0.333	94.1	88.8	72.0-127			5.83	20
(S) Toluene-d8				*97.8*	*97.5*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.8*	*99.6*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*104*	*97.8*	*70.0-130*				

Method Blank (MB)

(MB) R4179563-3 02/23/25 11:51

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	0.00380	J	0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4179563-3 02/23/25 11:51

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	0.00680	J	0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
Vinyl chloride	U		0.00116	0.00250
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*101*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179563-1 02/23/25 10:10 • (LCSD) R4179563-2 02/23/25 10:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.567	0.565	90.7	90.4	10.0-160			0.353	31
Acrylonitrile	0.625	0.704	0.633	113	101	45.0-153			10.6	22
Benzene	0.125	0.126	0.118	101	94.4	70.0-123			6.56	20
Bromobenzene	0.125	0.121	0.112	96.8	89.6	73.0-121			7.73	20
Bromodichloromethane	0.125	0.118	0.112	94.4	89.6	73.0-121			5.22	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179563-1 02/23/25 10:10 • (LCSD) R4179563-2 02/23/25 10:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.112	0.105	89.6	84.0	64.0-132			6.45	20
Bromomethane	0.125	0.103	0.101	82.4	80.8	56.0-147			1.96	20
n-Butylbenzene	0.125	0.113	0.109	90.4	87.2	68.0-135			3.60	20
sec-Butylbenzene	0.125	0.115	0.109	92.0	87.2	74.0-130			5.36	20
tert-Butylbenzene	0.125	0.110	0.105	88.0	84.0	75.0-127			4.65	20
Carbon tetrachloride	0.125	0.124	0.113	99.2	90.4	66.0-128			9.28	20
Chlorobenzene	0.125	0.114	0.111	91.2	88.8	76.0-128			2.67	20
Chlorodibromomethane	0.125	0.111	0.110	88.8	88.0	74.0-127			0.905	20
Chloroethane	0.125	0.135	0.116	108	92.8	61.0-134			15.1	20
Chloroform	0.125	0.128	0.121	102	96.8	72.0-123			5.62	20
Chloromethane	0.125	0.123	0.109	98.4	87.2	51.0-138			12.1	20
2-Chlorotoluene	0.125	0.112	0.107	89.6	85.6	75.0-124			4.57	20
4-Chlorotoluene	0.125	0.109	0.105	87.2	84.0	75.0-124			3.74	20
1,2-Dibromo-3-Chloropropane	0.125	0.104	0.0909	83.2	72.7	59.0-130			13.4	20
1,2-Dibromoethane	0.125	0.113	0.108	90.4	86.4	74.0-128			4.52	20
Dibromomethane	0.125	0.119	0.112	95.2	89.6	75.0-122			6.06	20
1,2-Dichlorobenzene	0.125	0.109	0.101	87.2	80.8	76.0-124			7.62	20
1,3-Dichlorobenzene	0.125	0.110	0.105	88.0	84.0	76.0-125			4.65	20
1,4-Dichlorobenzene	0.125	0.110	0.107	88.0	85.6	77.0-121			2.76	20
Dichlorodifluoromethane	0.125	0.118	0.104	94.4	83.2	43.0-156			12.6	20
1,1-Dichloroethane	0.125	0.130	0.118	104	94.4	70.0-127			9.68	20
1,2-Dichloroethane	0.125	0.116	0.105	92.8	84.0	65.0-131			9.95	20
1,1-Dichloroethene	0.125	0.119	0.106	95.2	84.8	65.0-131			11.6	20
cis-1,2-Dichloroethene	0.125	0.137	0.129	110	103	73.0-125			6.02	20
trans-1,2-Dichloroethene	0.125	0.124	0.105	99.2	84.0	71.0-125			16.6	20
1,2-Dichloropropane	0.125	0.126	0.117	101	93.6	74.0-125			7.41	20
1,1-Dichloropropene	0.125	0.144	0.127	115	102	73.0-125			12.5	20
1,3-Dichloropropane	0.125	0.121	0.113	96.8	90.4	80.0-125			6.84	20
cis-1,3-Dichloropropene	0.125	0.117	0.111	93.6	88.8	76.0-127			5.26	20
trans-1,3-Dichloropropene	0.125	0.111	0.105	88.8	84.0	73.0-127			5.56	20
2,2-Dichloropropane	0.125	0.125	0.119	100	95.2	59.0-135			4.92	20
Di-isopropyl ether	0.125	0.131	0.121	105	96.8	60.0-136			7.94	20
Ethylbenzene	0.125	0.117	0.117	93.6	93.6	74.0-126			0.000	20
Hexachloro-1,3-butadiene	0.125	0.0942	0.101	75.4	80.8	57.0-150			6.97	20
Isopropylbenzene	0.125	0.102	0.101	81.6	80.8	72.0-127			0.985	20
p-Isopropyltoluene	0.125	0.111	0.109	88.8	87.2	72.0-133			1.82	20
2-Butanone (MEK)	0.625	0.627	0.594	100	95.0	30.0-160			5.41	24
Methylene Chloride	0.125	0.123	0.110	98.4	88.0	68.0-123			11.2	20
4-Methyl-2-pentanone (MIBK)	0.625	0.593	0.565	94.9	90.4	56.0-143			4.84	20
Methyl tert-butyl ether	0.125	0.122	0.112	97.6	89.6	66.0-132			8.55	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4179563-1 02/23/25 10:10 • (LCSD) R4179563-2 02/23/25 10:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.102	0.0994	81.6	79.5	59.0-130			2.58	20
n-Propylbenzene	0.125	0.115	0.110	92.0	88.0	74.0-126			4.44	20
Styrene	0.125	0.106	0.103	84.8	82.4	72.0-127			2.87	20
1,1,1,2-Tetrachloroethane	0.125	0.123	0.122	98.4	97.6	74.0-129			0.816	20
1,1,2,2-Tetrachloroethane	0.125	0.113	0.108	90.4	86.4	68.0-128			4.52	20
1,1,2-Trichlorotrifluoroethane	0.125	0.106	0.0990	84.8	79.2	61.0-139			6.83	20
Tetrachloroethene	0.125	0.116	0.111	92.8	88.8	70.0-136			4.41	20
Toluene	0.125	0.118	0.113	94.4	90.4	75.0-121			4.33	20
1,2,3-Trichlorobenzene	0.125	0.0972	0.0987	77.8	79.0	59.0-139			1.53	20
1,2,4-Trichlorobenzene	0.125	0.116	0.112	92.8	89.6	62.0-137			3.51	20
1,1,1-Trichloroethane	0.125	0.121	0.113	96.8	90.4	69.0-126			6.84	20
1,1,2-Trichloroethane	0.125	0.112	0.109	89.6	87.2	78.0-123			2.71	20
Trichloroethene	0.125	0.127	0.113	102	90.4	76.0-126			11.7	20
Trichlorofluoromethane	0.125	0.144	0.127	115	102	61.0-142			12.5	20
1,2,3-Trichloropropane	0.125	0.120	0.109	96.0	87.2	67.0-129			9.61	20
1,2,4-Trimethylbenzene	0.125	0.109	0.103	87.2	82.4	70.0-126			5.66	20
1,2,3-Trimethylbenzene	0.125	0.108	0.105	86.4	84.0	74.0-124			2.82	20
Vinyl chloride	0.125	0.139	0.125	111	100	63.0-134			10.6	20
1,3,5-Trimethylbenzene	0.125	0.105	0.102	84.0	81.6	73.0-127			2.90	20
Xylenes, Total	0.375	0.354	0.344	94.4	91.7	72.0-127			2.87	20
(S) Toluene-d8				*98.0*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*94.4*	*98.5*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*99.3*	*97.0*	*70.0-130*				

Method Blank (MB)

(MB) R4181095-1 02/27/25 20:12

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		2.53	4.00
C22-C32 Hydrocarbons	U		2.53	4.00
C32-C40 Hydrocarbons	U		2.53	4.00
(S) o-Terphenyl	*73.7*			*18.0-148*

Method Blank (MB)

(MB) R4181267-1 02/28/25 09:19

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		2.53	4.00
C22-C32 Hydrocarbons	U		2.53	4.00
C32-C40 Hydrocarbons	U		2.53	4.00
(S) o-Terphenyl	*95.6*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4181095-2 02/27/25 20:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C12-C22 Hydrocarbons	25.0	25.6	102	50.0-150	
C22-C32 Hydrocarbons	25.0	22.1	88.4	50.0-150	
(S) o-Terphenyl			*59.0*	*18.0-148*	

L1828473-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1828473-14 02/28/25 00:23 • (MS) R4181095-3 02/28/25 00:38 • (MSD) R4181095-4 02/28/25 00:52

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C12-C22 Hydrocarbons	24.9	U	25.9	26.4	104	106	1	50.0-150			1.94	20
C22-C32 Hydrocarbons	24.9	U	22.0	23.3	88.6	93.5	1	50.0-150			5.38	20
(S) o-Terphenyl					*57.7*	*60.9*		*18.0-148*				

Method Blank (MB)

(MB) R4180181-2 02/25/25 19:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzidine	U		0.0626	1.67
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333

Method Blank (MB)

(MB) R4180181-2 02/25/25 19:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.00648	0.0333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Pyridine	U		0.0220	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
Phenol	U		0.0134	0.333
(S) 2-Fluorophenol	*56.5*			*12.0-120*
(S) Phenol-d5	*51.7*			*10.0-120*
(S) Nitrobenzene-d5	*46.5*			*10.0-122*
(S) 2-Fluorobiphenyl	*51.7*			*15.0-120*
(S) 2,4,6-Tribromophenol	*44.9*			*10.0-127*
(S) p-Terphenyl-d14	*60.1*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4180181-1 02/25/25 19:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.348	52.3	38.0-120	
Acenaphthylene	0.666	0.330	49.5	40.0-120	
Anthracene	0.666	0.360	54.1	42.0-120	
Benzidine	1.33	0.262	19.7	10.0-120	J
Benzo(a)anthracene	0.666	0.365	54.8	44.0-120	
Benzo(b)fluoranthene	0.666	0.368	55.3	43.0-120	
Benzo(k)fluoranthene	0.666	0.373	56.0	44.0-120	
Benzo(g,h,i)perylene	0.666	0.370	55.6	43.0-120	
Benzo(a)pyrene	0.666	0.372	55.9	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.276	41.4	20.0-120	J

Laboratory Control Sample (LCS)

(LCS) R4180181-1 02/25/25 19:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bis(2-chloroethyl)ether	0.666	0.365	54.8	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.320	48.0	23.0-120	J
4-Bromophenyl-phenylether	0.666	0.341	51.2	40.0-120	
2-Chloronaphthalene	0.666	0.331	49.7	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.349	52.4	40.0-120	
Chrysene	0.666	0.359	53.9	43.0-120	
Dibenz(a,h)anthracene	0.666	0.387	58.1	44.0-120	
3,3-Dichlorobenzidine	1.33	0.730	54.9	28.0-120	
2,4-Dinitrotoluene	0.666	0.402	60.4	45.0-120	
2,6-Dinitrotoluene	0.666	0.385	57.8	42.0-120	
Fluoranthene	0.666	0.355	53.3	44.0-120	
Fluorene	0.666	0.353	53.0	41.0-120	
Hexachlorobenzene	0.666	0.318	47.7	39.0-120	J
Hexachloro-1,3-butadiene	0.666	0.264	39.6	15.0-120	J
Hexachlorocyclopentadiene	0.666	0.145	21.8	15.0-120	J
Hexachloroethane	0.666	0.317	47.6	17.0-120	J
Indeno(1,2,3-cd)pyrene	0.666	0.369	55.4	45.0-120	
Isophorone	0.666	0.290	43.5	23.0-120	J
Naphthalene	0.666	0.270	40.5	18.0-120	
Nitrobenzene	0.666	0.270	40.5	17.0-120	J
n-Nitrosodimethylamine	0.666	0.396	59.5	10.0-125	
n-Nitrosodiphenylamine	0.666	0.353	53.0	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.340	51.1	26.0-120	
Phenanthrene	0.666	0.352	52.9	42.0-120	
Benzylbutyl phthalate	0.666	0.447	67.1	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.452	67.9	41.0-120	
Di-n-butyl phthalate	0.666	0.377	56.6	43.0-120	
Diethyl phthalate	0.666	0.379	56.9	43.0-120	
Dimethyl phthalate	0.666	0.371	55.7	43.0-120	
Di-n-octyl phthalate	0.666	0.454	68.2	40.0-120	
Pyrene	0.666	0.371	55.7	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.269	40.4	17.0-120	J
4-Chloro-3-methylphenol	0.666	0.262	39.3	28.0-120	J
2-Chlorophenol	0.666	0.321	48.2	28.0-120	J
2,4-Dichlorophenol	0.666	0.273	41.0	25.0-120	J
2,4-Dimethylphenol	0.666	0.261	39.2	15.0-120	J
4,6-Dinitro-2-methylphenol	0.666	0.417	62.6	16.0-120	
2,4-Dinitrophenol	0.666	0.282	42.3	10.0-120	J
2-Methylphenol	0.666	0.324	48.6	35.0-120	J
3&4-Methyl Phenol	0.666	0.358	53.8	42.0-120	

Laboratory Control Sample (LCS)

(LCS) R4180181-1 02/25/25 19:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	0.666	0.302	45.3	20.0-120	J
4-Nitrophenol	0.666	0.400	60.1	27.0-120	
Pentachlorophenol	0.666	0.287	43.1	29.0-120	J
Pyridine	0.666	0.141	21.2	10.0-120	J
2,4,5-Trichlorophenol	0.666	0.282	42.3	38.0-120	J
2,4,6-Trichlorophenol	0.666	0.309	46.4	37.0-120	J
Phenol	0.666	0.311	46.7	28.0-120	J
(S) 2-Fluorophenol			*58.0*	*12.0-120*	
(S) Phenol-d5			*53.6*	*10.0-120*	
(S) Nitrobenzene-d5			*40.5*	*10.0-122*	
(S) 2-Fluorobiphenyl			*54.7*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*58.6*	*10.0-127*	
(S) p-Terphenyl-d14			*60.1*	*10.0-120*	

L1827692-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827692-08 02/26/25 01:35 • (MS) R4180181-3 02/26/25 01:55 • (MSD) R4180181-4 02/26/25 02:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.714	1.55	1.76	1.59	29.7	6.23	1	18.0-120		J6	9.97	32
Acenaphthylene	0.714	0.0974	0.445	0.433	48.7	46.8	1	25.0-120			2.80	32
Anthracene	0.714	0.454	0.829	0.767	52.5	43.8	1	22.0-120			7.69	29
Benzidine	1.43	U	0.483	0.481	33.8	33.7	1	10.0-120	J	J	0.463	40
Benzo(a)anthracene	0.714	0.541	0.908	0.839	51.4	41.6	1	25.0-120			7.92	29
Benzo(b)fluoranthene	0.714	0.385	0.726	0.671	47.8	40.0	1	19.0-122			7.82	31
Benzo(k)fluoranthene	0.714	0.129	0.539	0.520	57.3	54.5	1	23.0-120			3.58	30
Benzo(g,h,i)perylene	0.714	0.147	0.520	0.496	52.2	48.8	1	10.0-120			4.61	33
Benzo(a)pyrene	0.714	0.358	0.737	0.684	53.1	45.5	1	24.0-120			7.54	30
Bis(2-chlorethoxy)methane	0.714	U	0.300	0.292	42.0	40.8	1	10.0-120	J	J	2.64	34
Bis(2-chloroethyl)ether	0.714	U	0.386	0.384	54.1	53.6	1	10.0-120			0.580	40
2,2-Oxybis(1-Chloropropane)	0.714	U	0.332	0.332	46.6	46.4	1	10.0-120	J	J	0.000	40
4-Bromophenyl-phenylether	0.714	U	0.370	0.362	51.9	50.6	1	27.0-120	J	J	2.13	30
2-Chloronaphthalene	0.714	U	0.341	0.340	47.8	47.5	1	20.0-120			0.327	32
4-Chlorophenyl-phenylether	0.714	U	0.384	0.370	53.8	51.7	1	24.0-120		J	3.55	29
Chrysene	0.714	0.236	0.685	0.631	62.8	55.1	1	21.0-120			8.14	29
Dibenz(a,h)anthracene	0.714	0.0389	0.455	0.437	58.3	55.6	1	10.0-120			4.00	32
3,3-Dichlorobenzidine	1.43	U	0.831	0.822	58.2	57.6	1	10.0-120			1.08	34
2,4-Dinitrotoluene	0.714	U	0.474	0.471	66.4	65.7	1	30.0-120			0.708	31
2,6-Dinitrotoluene	0.714	U	0.423	U	59.2	0.000	1	25.0-120		J3 J6	200	31

L1827692-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827692-08 02/26/25 01:35 • (MS) R4180181-3 02/26/25 01:55 • (MSD) R4180181-4 02/26/25 02:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fluoranthene	0.714	1.71	1.99	1.75	39.1	6.23	1	18.0-126	E	J6	12.5	32
Fluorene	0.714	1.19	1.55	1.42	50.0	31.2	1	25.0-120			9.02	30
Hexachlorobenzene	0.714	U	0.347	0.325	48.6	45.3	1	27.0-120	J	J	6.64	28
Hexachloro-1,3-butadiene	0.714	U	0.267	0.263	37.3	36.8	1	10.0-120	J	J	1.26	38
Hexachlorocyclopentadiene	0.714	U	0.0283	0.0268	3.97	3.74	1	10.0-120	J J6	J J6	5.67	40
Hexachloroethane	0.714	U	0.338	0.340	47.3	47.5	1	10.0-120	J	J	0.658	40
Indeno(1,2,3-cd)pyrene	0.714	0.177	0.555	0.513	53.0	46.9	1	10.0-120			7.93	32
Isophorone	0.714	U	0.306	0.302	42.8	42.2	1	13.0-120	J	J	1.10	34
Naphthalene	0.714	0.0429	0.308	0.308	37.1	37.0	1	10.0-120			0.000	35
Nitrobenzene	0.714	U	0.279	0.277	39.1	38.6	1	10.0-120	J	J	0.803	36
n-Nitrosodimethylamine	0.714	U	0.384	0.387	53.8	54.0	1	10.0-127			0.868	40
n-Nitrosodiphenylamine	0.714	U	0.446	0.420	62.5	58.7	1	17.0-120			5.92	29
n-Nitrosodi-n-propylamine	0.714	U	0.359	0.361	50.3	50.5	1	10.0-120	J	J	0.619	37
Phenanthrene	0.714	2.58	2.73	2.38	21.9	0.000	1	17.0-120	E	E J6	14.0	31
Benzylbutyl phthalate	0.714	U	0.491	0.478	68.8	66.8	1	23.0-120			2.53	30
Bis(2-ethylhexyl)phthalate	0.714	U	0.483	0.474	67.7	66.2	1	17.0-126			1.86	30
Di-n-butyl phthalate	0.714	U	0.406	0.391	56.9	54.7	1	30.0-120			3.64	29
Diethyl phthalate	0.714	U	0.408	0.405	57.2	56.5	1	26.0-120			0.823	28
Dimethyl phthalate	0.714	U	0.401	0.396	55.9	54.9	1	25.0-120			1.40	29
Di-n-octyl phthalate	0.714	U	0.515	0.504	72.2	70.4	1	21.0-123			2.19	29
Pyrene	0.714	1.57	1.86	1.66	40.6	12.5	1	16.0-121	E	J6	11.4	32
1,2,4-Trichlorobenzene	0.714	U	0.272	0.267	38.1	37.2	1	12.0-120	J	J	2.07	37
4-Chloro-3-methylphenol	0.714	U	0.286	0.300	40.0	41.9	1	15.0-120	J	J	4.95	30
2-Chlorophenol	0.714	U	0.339	0.331	47.5	46.3	1	15.0-120	J	J	2.33	37
2,4-Dichlorophenol	0.714	U	0.299	0.298	41.9	41.6	1	20.0-120	J	J	0.374	31
2,4-Dimethylphenol	0.714	U	0.302	0.302	42.3	42.2	1	10.0-120	J	J	0.000	33
4,6-Dinitro-2-methylphenol	0.714	U	0.394	0.433	55.2	60.4	1	10.0-120			9.45	39
2,4-Dinitrophenol	0.714	U	0.339	0.379	47.5	53.0	1	10.0-121	J		11.2	40
2-Methylphenol	0.714	U	0.388	0.381	54.4	53.3	1	11.0-120			1.74	40
3&4-Methyl Phenol	0.714	U	0.398	0.400	55.8	55.9	1	12.0-123			0.559	38
2-Nitrophenol	0.714	U	0.328	0.329	45.9	46.0	1	12.0-120	J	J	0.340	39
4-Nitrophenol	0.714	U	0.496	0.495	69.5	69.2	1	10.0-137			0.225	32
Pentachlorophenol	0.714	U	0.310	0.313	43.4	43.8	1	10.0-160	J	J	1.07	31
Pyridine	0.714	U	0.202	0.196	28.3	27.4	1	10.0-120	J	J	2.80	40
2,4,5-Trichlorophenol	0.714	U	0.327	0.321	45.8	44.9	1	20.0-120	J	J	1.72	30
2,4,6-Trichlorophenol	0.714	U	0.342	0.338	48.0	47.2	1	19.0-120	J	J	1.31	32
Phenol	0.714	U	0.330	0.332	46.3	46.4	1	12.0-120	J	J	0.673	38
(S) 2-Fluorophenol					*52.7*	*52.6*		*12.0-120*				
(S) Phenol-d5					*49.7*	*49.5*		*10.0-120*				

L1827692-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1827692-08 02/26/25 01:35 • (MS) R4180181-3 02/26/25 01:55 • (MSD) R4180181-4 02/26/25 02:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Nitrobenzene-d5					*35.9*	*35.2*		*10.0-122*				
(S) 2-Fluorobiphenyl					*49.4*	*47.4*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*56.7*	*54.2*		*10.0-127*				
(S) p-Terphenyl-d14					*53.1*	*51.4*		*10.0-120*				

Method Blank (MB)

(MB) R4180465-2 02/25/25 11:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzidine	U		0.0626	1.67
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333

Method Blank (MB)

(MB) R4180465-2 02/25/25 11:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.00648	0.0333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Pyridine	U		0.0220	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
Phenol	U		0.0134	0.333
(S) 2-Fluorophenol	*67.6*			*12.0-120*
(S) Phenol-d5	*62.9*			*10.0-120*
(S) Nitrobenzene-d5	*50.8*			*10.0-122*
(S) 2-Fluorobiphenyl	*54.7*			*15.0-120*
(S) 2,4,6-Tribromophenol	*65.2*			*10.0-127*
(S) p-Terphenyl-d14	*65.5*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4180465-1 02/25/25 11:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.396	59.5	38.0-120	
Acenaphthylene	0.666	0.419	62.9	40.0-120	
Anthracene	0.666	0.429	64.4	42.0-120	
Benzidine	1.33	0.458	34.4	10.0-120	J
Benzo(a)anthracene	0.666	0.479	71.9	44.0-120	
Benzo(b)fluoranthene	0.666	0.453	68.0	43.0-120	
Benzo(k)fluoranthene	0.666	0.440	66.1	44.0-120	
Benzo(g,h,i)perylene	0.666	0.454	68.2	43.0-120	
Benzo(a)pyrene	0.666	0.483	72.5	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.319	47.9	20.0-120	J

Laboratory Control Sample (LCS)

(LCS) R4180465-1 02/25/25 11:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bis(2-chloroethyl)ether	0.666	0.374	56.2	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.341	51.2	23.0-120	
4-Bromophenyl-phenylether	0.666	0.439	65.9	40.0-120	
2-Chloronaphthalene	0.666	0.376	56.5	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.414	62.2	40.0-120	
Chrysene	0.666	0.430	64.6	43.0-120	
Dibenz(a,h)anthracene	0.666	0.476	71.5	44.0-120	
3,3-Dichlorobenzidine	1.33	0.993	74.7	28.0-120	
2,4-Dinitrotoluene	0.666	0.470	70.6	45.0-120	
2,6-Dinitrotoluene	0.666	0.453	68.0	42.0-120	
Fluoranthene	0.666	0.453	68.0	44.0-120	
Fluorene	0.666	0.395	59.3	41.0-120	
Hexachlorobenzene	0.666	0.408	61.3	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.294	44.1	15.0-120	J
Hexachlorocyclopentadiene	0.666	0.266	39.9	15.0-120	J
Hexachloroethane	0.666	0.359	53.9	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.523	78.5	45.0-120	
Isophorone	0.666	0.345	51.8	23.0-120	
Naphthalene	0.666	0.323	48.5	18.0-120	
Nitrobenzene	0.666	0.322	48.3	17.0-120	J
n-Nitrosodimethylamine	0.666	0.335	50.3	10.0-125	
n-Nitrosodiphenylamine	0.666	0.424	63.7	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.388	58.3	26.0-120	
Phenanthrene	0.666	0.403	60.5	42.0-120	
Benzylbutyl phthalate	0.666	0.548	82.3	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.494	74.2	41.0-120	
Di-n-butyl phthalate	0.666	0.437	65.6	43.0-120	
Diethyl phthalate	0.666	0.454	68.2	43.0-120	
Dimethyl phthalate	0.666	0.432	64.9	43.0-120	
Di-n-octyl phthalate	0.666	0.585	87.8	40.0-120	
Pyrene	0.666	0.465	69.8	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.314	47.1	17.0-120	J
4-Chloro-3-methylphenol	0.666	0.376	56.5	28.0-120	
2-Chlorophenol	0.666	0.395	59.3	28.0-120	
2,4-Dichlorophenol	0.666	0.343	51.5	25.0-120	
2,4-Dimethylphenol	0.666	0.315	47.3	15.0-120	J
4,6-Dinitro-2-methylphenol	0.666	0.561	84.2	16.0-120	
2,4-Dinitrophenol	0.666	0.437	65.6	10.0-120	
2-Methylphenol	0.666	0.411	61.7	35.0-120	
3&4-Methyl Phenol	0.666	0.472	70.9	42.0-120	

Laboratory Control Sample (LCS)

(LCS) R4180465-1 02/25/25 11:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	0.666	0.395	59.3	20.0-120	
4-Nitrophenol	0.666	0.476	71.5	27.0-120	
Pentachlorophenol	0.666	0.367	55.1	29.0-120	
Pyridine	0.666	0.240	36.0	10.0-120	J
2,4,5-Trichlorophenol	0.666	0.415	62.3	38.0-120	
2,4,6-Trichlorophenol	0.666	0.411	61.7	37.0-120	
Phenol	0.666	0.403	60.5	28.0-120	
(S) 2-Fluorophenol			*71.2*	*12.0-120*	
(S) Phenol-d5			*66.5*	*10.0-120*	
(S) Nitrobenzene-d5			*42.9*	*10.0-122*	
(S) 2-Fluorobiphenyl			*57.4*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*74.9*	*10.0-127*	
(S) p-Terphenyl-d14			*67.6*	*10.0-120*	

L1828007-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1828007-01 02/25/25 18:34 • (MS) R4180465-3 02/25/25 18:55 • (MSD) R4180465-4 02/25/25 19:15

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.723	U	0.560	0.567	77.5	77.9	10	18.0-120			1.19	32
Acenaphthylene	0.723	U	0.573	0.590	79.2	81.1	10	25.0-120			3.07	32
Anthracene	0.723	U	0.547	0.564	75.6	77.5	10	22.0-120			3.02	29
Benzidine	1.45	U	1.15	1.21	79.2	83.1	10	10.0-120	J	J	4.74	40
Benzo(a)anthracene	0.723	0.0873	0.645	0.656	77.1	78.2	10	25.0-120			1.72	29
Benzo(b)fluoranthene	0.723	0.0982	0.599	0.601	69.3	69.0	10	19.0-122			0.186	31
Benzo(k)fluoranthene	0.723	U	0.526	0.551	72.7	75.8	10	23.0-120			4.77	30
Benzo(g,h,i)perylene	0.723	U	0.541	0.550	74.8	75.6	10	10.0-120			1.64	33
Benzo(a)pyrene	0.723	0.0820	0.632	0.642	76.0	76.9	10	24.0-120			1.58	30
Bis(2-chlorethoxy)methane	0.723	U	0.505	0.520	69.8	71.5	10	10.0-120	J	J	3.05	34
Bis(2-chloroethyl)ether	0.723	U	0.579	0.638	80.1	87.7	10	10.0-120	J	J	9.72	40
2,2-Oxybis(1-Chloropropane)	0.723	U	0.507	0.518	70.1	71.2	10	10.0-120	J	J	2.18	40
4-Bromophenyl-phenylether	0.723	U	0.567	0.575	78.4	79.0	10	27.0-120	J	J	1.37	30
2-Chloronaphthalene	0.723	U	0.524	0.542	72.4	74.5	10	20.0-120			3.56	32
4-Chlorophenyl-phenylether	0.723	U	0.554	0.576	76.5	79.1	10	24.0-120	J	J	3.95	29
Chrysene	0.723	U	0.573	0.598	79.2	82.2	10	21.0-120			4.39	29
Dibenz(a,h)anthracene	0.723	U	0.558	0.558	77.2	76.7	10	10.0-120			0.000	32
3,3-Dichlorobenzidine	1.45	U	1.26	1.24	86.9	85.4	10	10.0-120	J	J	1.79	34
2,4-Dinitrotoluene	0.723	U	0.789	0.769	109	106	10	30.0-120	J	J	2.58	31
2,6-Dinitrotoluene	0.723	U	0.544	0.597	75.2	82.1	10	25.0-120	J	J	9.39	31

L1828007-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1828007-01 02/25/25 18:34 • (MS) R4180465-3 02/25/25 18:55 • (MSD) R4180465-4 02/25/25 19:15

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fluoranthene	0.723	0.133	0.649	0.661	71.3	72.5	10	18.0-126			1.88	32
Fluorene	0.723	U	0.544	0.569	75.2	78.2	10	25.0-120			4.61	30
Hexachlorobenzene	0.723	U	0.526	0.563	72.7	77.3	10	27.0-120	J	J	6.77	28
Hexachloro-1,3-butadiene	0.723	U	0.482	0.531	66.7	73.0	10	10.0-120	J	J	9.69	38
Hexachlorocyclopentadiene	0.723	U	U	U	9.68	8.11	10	10.0-120	J J6	J J6	17.0	40
Hexachloroethane	0.723	U	0.461	0.478	63.7	65.6	10	10.0-120	J	J	3.57	40
Indeno(1,2,3-cd)pyrene	0.723	U	0.645	0.651	89.2	89.4	10	10.0-120			0.861	32
Isophorone	0.723	U	0.548	0.557	75.8	76.5	10	13.0-120	J	J	1.62	34
Naphthalene	0.723	U	0.539	0.554	74.5	76.1	10	10.0-120			2.66	35
Nitrobenzene	0.723	U	0.515	0.527	71.1	72.4	10	10.0-120	J	J	2.36	36
n-Nitrosodimethylamine	0.723	U	U	U	0.000	0.000	10	10.0-127	J6	J6	0.000	40
n-Nitrosodiphenylamine	0.723	U	0.561	0.560	77.6	77.0	10	17.0-120	J	J	0.199	29
n-Nitrosodi-n-propylamine	0.723	U	0.545	0.565	75.3	77.6	10	10.0-120	J	J	3.62	37
Phenanthrene	0.723	0.0966	0.618	0.605	72.1	69.9	10	17.0-120			2.19	31
Benzylbutyl phthalate	0.723	U	0.689	0.678	95.2	93.1	10	23.0-120	J	J	1.63	30
Bis(2-ethylhexyl)phthalate	0.723	U	0.781	0.760	108	104	10	17.0-126	J	J	2.75	30
Di-n-butyl phthalate	0.723	U	0.548	0.538	75.8	73.9	10	30.0-120	J	J	1.85	29
Diethyl phthalate	0.723	U	0.601	0.614	83.0	84.4	10	26.0-120	J	J	2.21	28
Dimethyl phthalate	0.723	U	U	U	77.3	78.2	10	25.0-120	J	J	1.78	29
Di-n-octyl phthalate	0.723	U	1.38	1.38	191	190	10	21.0-123	J J5	J J5	0.000	29
Pyrene	0.723	0.161	0.697	0.684	74.1	71.9	10	16.0-121			1.78	32
1,2,4-Trichlorobenzene	0.723	U	0.519	0.547	71.8	75.2	10	12.0-120	J	J	5.24	37
4-Chloro-3-methylphenol	0.723	U	0.561	0.587	77.6	80.7	10	15.0-120	J	J	4.47	30
2-Chlorophenol	0.723	U	0.556	0.585	76.9	80.4	10	15.0-120	J	J	5.09	37
2,4-Dichlorophenol	0.723	U	0.535	0.534	73.9	73.3	10	20.0-120	J	J	0.209	31
2,4-Dimethylphenol	0.723	U	0.497	0.521	68.7	71.6	10	10.0-120	J	J	4.82	33
4,6-Dinitro-2-methylphenol	0.723	U	U	U	72.5	66.1	10	10.0-120	J	J	8.66	39
2,4-Dinitrophenol	0.648	U	U	U	0.000	0.000	10	10.0-121	J6	J6	0.000	40
2-Methylphenol	0.723	U	0.601	0.650	83.0	89.3	10	11.0-120	J	J	7.86	40
3&4-Methyl Phenol	0.723	U	0.659	0.680	91.0	93.4	10	12.0-123	J	J	3.17	38
2-Nitrophenol	0.723	U	0.576	0.618	79.6	85.0	10	12.0-120	J	J	7.10	39
4-Nitrophenol	0.723	U	0.572	0.548	79.0	75.3	10	10.0-137	J	J	4.19	32
Pentachlorophenol	0.723	U	0.940	0.957	130	131	10	10.0-160	J	J	1.77	31
Pyridine	0.723	U	0.446	0.471	61.7	64.7	10	10.0-120	J	J	5.35	40
2,4,5-Trichlorophenol	0.723	U	0.566	0.566	78.2	77.8	10	20.0-120	J	J	0.000	30
2,4,6-Trichlorophenol	0.723	U	0.539	0.532	74.5	73.2	10	19.0-120	J	J	1.25	32
Phenol	0.723	U	0.551	0.585	76.2	80.4	10	12.0-120	J	J	5.89	38
(S) 2-Fluorophenol					*86.9*	*91.0*		*12.0-120*				
(S) Phenol-d5					*78.7*	*84.5*		*10.0-120*				

L1828007-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1828007-01 02/25/25 18:34 • (MS) R4180465-3 02/25/25 18:55 • (MSD) R4180465-4 02/25/25 19:15

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Nitrobenzene-d5					*82.7*	*79.8*		*10.0-122*				
(S) 2-Fluorobiphenyl					*70.7*	*73.6*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*82.7*	*81.6*		*10.0-127*				
(S) p-Terphenyl-d14					*75.9*	*77.0*		*10.0-120*				

Sample Narrative:

OS: Dilution due to matrix impact during extract concentration procedure.

Method Blank (MB)

(MB) R4180822-2 02/26/25 20:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzidine	U		0.0626	1.67
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333

Method Blank (MB)

(MB) R4180822-2 02/26/25 20:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.00648	0.0333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Pyridine	U		0.0220	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
Phenol	U		0.0134	0.333
(S) 2-Fluorophenol	*76.0*			*12.0-120*
(S) Phenol-d5	*70.4*			*10.0-120*
(S) Nitrobenzene-d5	*70.9*			*10.0-122*
(S) 2-Fluorobiphenyl	*77.8*			*15.0-120*
(S) 2,4,6-Tribromophenol	*70.7*			*10.0-127*
(S) p-Terphenyl-d14	*84.1*			*10.0-120*

Method Blank (MB)

(MB) R4181262-1 02/28/25 00:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzidine	U		0.0626	1.67
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333

Method Blank (MB)

(MB) R4181262-1 02/28/25 00:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333
Pyrene	U		0.00648	0.0333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333

Method Blank (MB)

(MB) R4181262-1 02/28/25 00:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Pyridine	U		0.0220	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
Phenol	U		0.0134	0.333
(S) 2-Fluorophenol	*74.3*			*12.0-120*
(S) Phenol-d5	*72.2*			*10.0-120*
(S) Nitrobenzene-d5	*67.9*			*10.0-122*
(S) 2-Fluorobiphenyl	*73.6*			*15.0-120*
(S) 2,4,6-Tribromophenol	*50.8*			*10.0-127*
(S) p-Terphenyl-d14	*83.2*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4180822-1 02/26/25 19:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.552	82.9	38.0-120	
Acenaphthylene	0.666	0.561	84.2	40.0-120	
Anthracene	0.666	0.562	84.4	42.0-120	
Benzidine	1.33	0.165	12.4	10.0-120	J
Benzo(a)anthracene	0.666	0.569	85.4	44.0-120	
Benzo(b)fluoranthene	0.666	0.549	82.4	43.0-120	
Benzo(k)fluoranthene	0.666	0.554	83.2	44.0-120	
Benzo(g,h,i)perylene	0.666	0.548	82.3	43.0-120	
Benzo(a)pyrene	0.666	0.576	86.5	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.392	58.9	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.537	80.6	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.399	59.9	23.0-120	
4-Bromophenyl-phenylether	0.666	0.593	89.0	40.0-120	
2-Chloronaphthalene	0.666	0.523	78.5	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.605	90.8	40.0-120	
Chrysene	0.666	0.534	80.2	43.0-120	
Dibenz(a,h)anthracene	0.666	0.557	83.6	44.0-120	
3,3-Dichlorobenzidine	1.33	1.07	80.5	28.0-120	
2,4-Dinitrotoluene	0.666	0.613	92.0	45.0-120	
2,6-Dinitrotoluene	0.666	0.566	85.0	42.0-120	